

Zhouhua Peng

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160
papers

6,302
citations

39
h-index

76
g-index

204
ext. papers

8,256
ext. citations

4.8
avg, IF

6.9
L-index

#	Paper	IF	Citations
160	Neural network-based adaptive dynamic surface control for a class of uncertain nonlinear systems in strict-feedback form. <i>IEEE Transactions on Neural Networks</i> , 2005 , 16, 195-202		827
159	A DSC approach to robust adaptive NN tracking control for strict-feedback nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 915-27		376
158	. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 513-520	4.8	312
157	Adaptive neural network control for a class of uncertain nonlinear systems in pure-feedback form. <i>Automatica</i> , 2002 , 38, 1365-1372	5.7	293
156	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 1083-1090	4.8	181
155	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3831-3839	8.9	179
154	Output-Feedback Path-Following Control of Autonomous Underwater Vehicles Based on an Extended State Observer and Projection Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 535-544	7.3	177
153	Distributed neural network control for adaptive synchronization of uncertain dynamical multiagent systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1508-19	10.3	176
152	Neural network-based adaptive dynamic surface control of uncertain nonlinear pure-feedback systems. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 527-541	3.6	151
151	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders. <i>Information Sciences</i> , 2015 , 316, 163-179	7.7	145
150	Prescribed Performance Consensus of Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 1279-1286	7.3	133
149	ESO-Based Line-of-Sight Guidance Law for Path Following of Underactuated Marine Surface Vehicles With Exact Sideslip Compensation. <i>IEEE Journal of Oceanic Engineering</i> , 2017 , 42, 477-487	3.3	130
148	Path-Following Control of Autonomous Underwater Vehicles Subject to Velocity and Input Constraints via Neurodynamic Optimization. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8724-8732	8.9	130
147	Constrained Control of Autonomous Underwater Vehicles Based on Command Optimization and Disturbance Estimation. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 3627-3635	8.9	127
146	Predictor-Based Neural Dynamic Surface Control for Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2156-2167	10.3	117
145	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 1026-1036	5.5	111
144	Robust adaptive formation control of underactuated autonomous surface vehicles with uncertain dynamics. <i>IET Control Theory and Applications</i> , 2011 , 5, 1378-1387	2.5	103

143	Output-Feedback Cooperative Formation Maneuvering of Autonomous Surface Vehicles With Connectivity Preservation and Collision Avoidance. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2527-2535 ^{10.2}	93
142	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 732-745	11.9 83
141	Bounded Neural Network Control for Target Tracking of Underactuated Autonomous Surface Vehicles in the Presence of Uncertain Target Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1241-1249	10.3 81
140	Modular Adaptive Control for LOS-Based Cooperative Path Maneuvering of Multiple Underactuated Autonomous Surface Vehicles. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1613-1624	7.3 78
139	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. <i>IEEE/ASME Transactions on Mechatronics</i> , 2016 , 21, 1210-1221	5.5 75
138	Predictor-based LOS guidance law for path following of underactuated marine surface vehicles with sideslip compensation. <i>Ocean Engineering</i> , 2016 , 124, 340-348	3.9 66
137	Adaptive dynamic surface control for cooperative path following of marine surface vehicles with input saturation. <i>Nonlinear Dynamics</i> , 2014 , 77, 107-117	5 65
136	Event-Triggered Dynamic Surface Control of an Underactuated Autonomous Surface Vehicle for Target Enclosing. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 3402-3412	8.9 64
135	State recovery and disturbance estimation of unmanned surface vehicles based on nonlinear extended state observers. <i>Ocean Engineering</i> , 2019 , 171, 625-632	3.9 63
134	Cooperative Path Following Ring-Networked Under-Actuated Autonomous Surface Vehicles: Algorithms and Experimental Results. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1519-1529	10.2 62
133	Path following of marine surface vehicles with dynamical uncertainty and time-varying ocean disturbances. <i>Neurocomputing</i> , 2016 , 173, 799-808	5.4 61
132	Neural network based adaptive dynamic surface control for cooperative path following of marine surface vehicles via state and output feedback. <i>Neurocomputing</i> , 2014 , 133, 170-178	5.4 61
131	Distributed containment control for uncertain nonlinear multi-agent systems in non-affine pure-feedback form under switching topologies. <i>Neurocomputing</i> , 2015 , 152, 1-10	5.4 58
130	Distributed model reference adaptive control for cooperative tracking of uncertain dynamical multi-agent systems. <i>IET Control Theory and Applications</i> , 2013 , 7, 1079-1087	2.5 57
129	Leaderless and leader-follower cooperative control of multiple marine surface vehicles with unknown dynamics. <i>Nonlinear Dynamics</i> , 2013 , 74, 95-106	5 55
128	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. <i>ISA Transactions</i> , 2015 , 59, 160-71	5.5 44
127	Adaptive neural control of nonlinear MIMO systems with unknown time delays. <i>Neurocomputing</i> , 2012 , 78, 83-88	5.4 43
126	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	2.5 42

125	Single machine group scheduling with general linear deterioration to minimize the makespan. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 43, 146-150	3.2	41
124	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. <i>Neurocomputing</i> , 2015 , 149, 132-141	5.4	40
123	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	39
122	Coordinated path following of multiple underactuated marine surface vehicles along one curve. <i>ISA Transactions</i> , 2016 , 64, 258-268	5.5	39
121	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	3.9	38
120	Adaptive Fuzzy control of uncertain MIMO non-linear systems in block-triangular forms. <i>Nonlinear Dynamics</i> , 2011 , 63, 105-123	5	37
119	Single-machine scheduling with simple linear deterioration to minimize earliness penalties. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 46, 285-290	3.2	37
118	A DSC approach to adaptive neural network tracking control for pure-feedback nonlinear systems. <i>Applied Mathematics and Computation</i> , 2013 , 219, 6224-6235	2.7	36
117	Single-machine scheduling with a time-dependent deterioration. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 43, 805-809	3.2	34
116	Event-triggered extended state observers design for dynamic positioning vessels subject to unknown sea loads. <i>Ocean Engineering</i> , 2020 , 209, 107242	3.9	33
115	Adaptive control based on single neural network approximation for non-linear pure-feedback systems. <i>IET Control Theory and Applications</i> , 2012 , 6, 2387-2396	2.5	33
114	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	4.8	31
113	Distributed coordinated tracking of multiple autonomous underwater vehicles. <i>Nonlinear Dynamics</i> , 2014 , 78, 1261-1276	5	31
112	Output-Feedback Flocking Control of Multiple Autonomous Surface Vehicles Based on Data-Driven Adaptive Extended State Observers. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4611-4622	10.2	31
111	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 961-973	10.2	30
110	Observer-Based Finite-Time Control for Distributed Path Maneuvering of Underactuated Unmanned Surface Vehicles With Collision Avoidance and Connectivity Preservation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-11	7.3	27
109	Cooperative fuzzy adaptive output feedback control for synchronisation of nonlinear multi-agent systems under directed graphs. <i>International Journal of Systems Science</i> , 2015 , 46, 2982-2995	2.3	27
108	Line-of-Sight Target Enclosing of an Underactuated Autonomous Surface Vehicle With Experiment Results. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 832-841	11.9	27

107	Cooperative Adaptive Fuzzy Output Feedback Control for Synchronization of Nonlinear Multi-Agent Systems in the Presence of Input Saturation. <i>Asian Journal of Control</i> , 2016 , 18, 619-630	1.7	26
106	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	3.9	26
105	Fault-tolerant containment control of uncertain nonlinear systems in strict-feedback form. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 497-511	3.6	25
104	Neural adaptive steering of an unmanned surface vehicle with measurement noises. <i>Neurocomputing</i> , 2016 , 186, 228-234	5.4	25
103	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	5.5	24
102	Predictor-based adaptive dynamic surface control for consensus of uncertain nonlinear systems in strict-feedback form. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 68-82	2.8	23
101	Deteriorating jobs and learning effects on a single-machine scheduling with past-sequence-dependent setup times. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 46, 707-714	3.2	23
100	Nonlinear dynamics modeling and performance prediction for underactuated AUV with fins. <i>Nonlinear Dynamics</i> , 2016 , 84, 237-249	5	23
99	Consensus Maneuvering for a Class of Nonlinear Multivehicle Systems in Strict-Feedback Form. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1759-1767	10.2	23
98	Finite-Level-State Model Predictive Control for Sensorless Three-Phase Four-Arm Modular Multilevel Converter. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4462-4466	7.2	22
97	Progressive approach for SNP calling and haplotype assembly using single molecular sequencing data. <i>Bioinformatics</i> , 2018 , 34, 2012-2018	7.2	20
96	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	20
95	Coordinated formation pattern control of multiple marine surface vehicles with model uncertainty and time-varying ocean currents. <i>Neural Computing and Applications</i> , 2014 , 25, 1771-1783	4.8	20
94	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. <i>International Journal of Control</i> , 2013 , 86, 912-922	1.5	20
93	Improved finite-control-set model predictive control for active front-end rectifiers with simplified computational approach and on-line parameter identification. <i>ISA Transactions</i> , 2017 , 69, 51-64	5.5	19
92	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	5.1	18
91	Adaptive bounded neural network control for coordinated path-following of networked underactuated autonomous surface vehicles under time-varying state-dependent cyber-attack. <i>ISA Transactions</i> , 2020 , 104, 212-221	5.5	18
90	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. <i>Nonlinear Dynamics</i> , 2015 , 81, 1315-1328	5	17

89	Robust adaptive neural network control of a class of uncertain strict-feedback nonlinear systems with unknown dead-zone and disturbances. <i>Neurocomputing</i> , 2014 , 145, 221-229	5.4	17
88	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. <i>International Journal of Systems Science</i> , 2014 , 45, 2031-2041	2.3	16
87	Distributed robust state and output feedback controller designs for rendezvous of networked autonomous surface vehicles using neural networks. <i>Neurocomputing</i> , 2013 , 115, 130-141	5.4	16
86	A note on single-machine total completion time problem with general deteriorating function. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 44, 1213-1218	3.2	16
85	Distributed Path Following of Multiple Under-Actuated Autonomous Surface Vehicles Based on Data-Driven Neural Predictors via Integral Concurrent Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5334-5344	10.3	16
84	Adaptive neural control for cooperative path following of marine surface vehicles: state and output feedback. <i>International Journal of Systems Science</i> , 2016 , 47, 343-359	2.3	15
83	Predictor-based neural dynamic surface control for distributed formation tracking of multiple marine surface vehicles with improved transient performance. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	14
82	A Fast Finite-Level-State Model Predictive Control Strategy for Sensorless Modular Multilevel Converter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 3570-3581	5.6	14
81	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 11621-11627	8.9	14
80	Antidisturbance Coordinated Path Following Control of Robotic Autonomous Surface Vehicles: Theory and Experiment. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 1-1	5.5	13
79	Event-triggered fuzzy control of networked nonlinear underactuated unmanned surface vehicle. <i>Ocean Engineering</i> , 2020 , 213, 107540	3.9	13
78	Quantitative Assessment of the Influences of Three Gorges Dam on the Water Level of Poyang Lake, China. <i>Water (Switzerland)</i> , 2019 , 11, 1519	3	12
77	Cooperative tracking and estimation of linear multi-agent systems with a dynamic leader via iterative learning. <i>International Journal of Control</i> , 2014 , 87, 1163-1171	1.5	12
76	Robust leader-follower formation tracking control of multiple underactuated surface vessels. <i>China Ocean Engineering</i> , 2012 , 26, 521-534	1.1	12
75	Single-machine scheduling with a sum-of-processing-time based learning effect and deteriorating jobs. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 45, 336-340	3.2	12
74	Event-triggered ISS-modular neural network control for containment maneuvering of nonlinear strict-feedback multi-agent systems. <i>Neurocomputing</i> , 2020 , 377, 314-324	5.4	12
73	Distributed Containment Maneuvering of Uncertain Multiagent Systems in MIMO Strict-Feedback Form. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1354-1364	7.3	12
72	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	10.3	12

71	Neural adaptive control for leader-follower flocking of networked nonholonomic agents with unknown nonlinear dynamics. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 479-495	2.8	11
70	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	11
69	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. <i>Neurocomputing</i> , 2014 , 129, 494-503	5.4	10
68	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	2.2	10
67	Path-Guided Containment Maneuvering of Mobile Robots: Theory and Experiments. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7178-7187	8.9	9
66	Event-Triggered Neural Predictor-Based FCS-MPC for MMC. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	9
65	Model-Free Containment Control of Underactuated Surface Vessels Under Switching Topologies Based on Guiding Vector Fields and Data-Driven Neural Predictors. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	9
64	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	5.1	6
63	Event-triggered neural network control of autonomous surface vehicles over wireless network. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	6
62	Nonlinear observer design for a robotic unmanned surface vehicle with experiment results. <i>Applied Ocean Research</i> , 2020 , 95, 102028	3.4	6
61	Cooperative Iterative Learning Control of Linear Multi-agent Systems with a Dynamic Leader under Directed Topologies. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2014 , 40, 2595-2601		6
60	Neural Predictor-Based Low Switching Frequency FCS-MPC for MMC With Online Weighting Factors Tuning. <i>IEEE Transactions on Power Electronics</i> , 2022 , 37, 4065-4079	7.2	6
59	A Multi-Layer Sequential Model Predictive Control of Three-Phase Two-Leg Seven-Level T-Type Nested Neutral Point Clamped Converter Without Weighting Factors. <i>IEEE Access</i> , 2019 , 7, 162735-162746	3.5	6
58	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	1.8	5
57	Core-genome scaffold comparison reveals the prevalence that inversion events are associated with pairs of inverted repeats. <i>BMC Genomics</i> , 2017 , 18, 268	4.5	5
56	Adaptive dynamic surface control for a class of uncertain nonlinear systems in pure-feedback form 2009 ,		5
55	Neural Predictor-Based Dynamic Surface Predictive Control for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	5
54	Network-Based Line-of-Sight Path Tracking of Underactuated Unmanned Surface Vehicles With Experiment Results. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5

53	Extended-state-observer-based distributed model predictive formation control of under-actuated unmanned surface vehicles with collision avoidance. <i>Ocean Engineering</i> , 2021 , 238, 109587	3.9	5
52	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. <i>Neurocomputing</i> , 2019 , 360, 163-171	5.4	4
51	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	3.7	4
50	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	2.2	4
49	Adaptive Cooperative Diving of Saucer-Type Underwater Gliders Subject to Model Uncertainties and Input Constraints. <i>IEEE Access</i> , 2019 , 7, 60042-60054	3.5	4
48	Identifying protein-protein interface via a novel multi-scale local sequence and structural representation. <i>BMC Bioinformatics</i> , 2019 , 20, 483	3.6	4
47	Safety-Critical Containment Maneuvering of Underactuated Autonomous Surface Vehicles Based on Neurodynamic Optimization With Control Barrier Functions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	4
46	Cooperative Target Enclosing of Ring-networked Under-actuated Autonomous Surface Vehicles Based on Data-driven Fuzzy Predictors and Extended State Observers. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4
45	Data-Driven Neural Predictors Based Robust MPC for Power Converters. <i>IEEE Transactions on Power Electronics</i> , 2022 , 1-1	7.2	4
44	Event-triggered Cooperative Path Following of Autonomous Surface Vehicles over Wireless Network with Experiment Results. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	3
43	Approximation Algorithms for the Maximum Weight Internal Spanning Tree Problem. <i>Algorithmica</i> , 2019 , 81, 4167-4199	0.9	3
42	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> , 2022 , 1-17	7.3	3
41	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines 2015 ,		2
40	Adaptive distributed observer design for containment control of heterogeneous discrete-time swarm systems. <i>Chinese Journal of Aeronautics</i> , 2020 , 33, 2898-2906	3.7	2
39	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation 2016 ,		2
38	Multi-objective fuzzy-decision-making-based FS-MPC with improved performance for grid-connected converters. <i>Electrical Engineering</i> , 2018 , 100, 2439-2456	1.5	2
37	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels 2015 ,		2
36	Autopilot design for a robotic unmanned surface vehicle 2015 ,		2

35	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning 2014 ,		2
34	Robust adaptive neural control of uncertain pure-feedback nonlinear systems 2012 ,		2
33	Filtering robust adaptive formation guidance law with uncertain leader dynamics 2010 ,		2
32	Decentralized cooperative control of autonomous surface vehicles with uncertain dynamics: A dynamic surface approach 2011 ,		2
31	Anti-disturbance leader-follower synchronization control of marine vessels for underway replenishment based on robust exact differentiators. <i>Ocean Engineering</i> , 2022 , 248, 110686	3.9	2
30	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	2.9	2
29	Comprehensive study of instable regions in <i>Pseudomonas aeruginosa</i> and <i>Mycobacterium tuberculosis</i> . <i>BioMedical Engineering OnLine</i> , 2018 , 17, 133	4.1	2
28	GRSR: a tool for deriving genome rearrangement scenarios from multiple unichromosomal genome sequences. <i>BMC Bioinformatics</i> , 2018 , 19, 291	3.6	2
27	Event-Triggered ESO-Based Robust MPC for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	2
26	A General Safety-Certified Cooperative Control Architecture for Interconnected Intelligent Surface Vehicles with Applications to Vessel Train. <i>IEEE Transactions on Intelligent Vehicles</i> , 2022 , 1-1	5	2
25	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning 2017 ,		1
24	A simplified multi-objective optimization-based direct finite-control-set model predictive control for active front-end rectifiers with fast dynamic response. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018 , 13, 285-294	1	1
23	A simplified direct finite-control-set model predictive control for AFEs with DC-Link voltage dynamic reference design 2016 ,		1
22	Containment maneuvering of marine surface vessels 2016 ,		1
21	Predictor-based iterative neural dynamic surface control for three-phase voltage source PWM rectifier. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017 , 12, 942-951	1	1
20	Extended state observer design for autonomous surface vehicles using position-yaw measurements 2017 ,		1
19	A DSC approach to synchronized path following of multiple underactuated AUVs with uncertain dynamics and input constrains 2014 ,		1
18	A predictor-based neural DSC design approach to distributed coordinated control of multiple autonomous underwater vehicles 2014 ,		1

17	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach 2014,		1
16	Adaptive fuzzy control for synchronization of second-order nonlinear systems with prescribed performance 2014,		1
15	Cooperative dynamic positioning of multiple offshore vessels via local information interactions 2014,		1
14	Robust adaptive neural network control for strict-feedback nonlinear systems with uncertainties 2012,		1
13	Distributed robust stabilization for a class of uncertain nonlinear multi-agent systems 2012,		1
12	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control 2020,		1
11	Distributed Output-feedback Control of Unmanned Container Transporter Platooning with Uncertainties and Disturbances using Event-triggered Mechanism. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
10	Model predictive direct power control for modular multilevel converter under unbalanced conditions with power compensation and circulating current reduction. <i>ISA Transactions</i> , 2020 , 106, 318-329	5.5	1
9	Active disturbance rejection control for an unbalanced stand-alone doubly fed induction generator 2016,		1
8	Lyapunov-Based Fast Finite-State Model Predictive Control for Sensorless Three-Phase Four-Arm MMC. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	1
7	Neural Network Based Adaptive Dynamic Surface Control for Omnidirectional Mobile Robots Tracking Control with Full-state Constraints and Input Saturation. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 4067-4077	2.9	1
6	Reliability-based fixed-time nonsingular terminal sliding mode control for dynamic positioning of turret-moored vessels with uncertainties and unknown disturbances. <i>Ocean Engineering</i> , 2022 , 248, 110748	2.8	0
5	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. <i>Ocean Engineering</i> , 2022 , 250, 110821	3.9	0
4	Output-Based Tracking Control for a Class of Car-Like Mobile Robot Subject to Slipping and Skidding Using Event-Triggered Mechanism. <i>Electronics (Switzerland)</i> , 2021 , 10, 2886	2.6	
3	Efficient model-free predictive power control for active front-end modular multilevel converter. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 132, 107058	5.1	
2	Shared control of ship autopilots and human pilots for maritime autonomous surface ship in the presence of actuator anomalies. <i>Systems Science and Control Engineering</i> , 1-12	2	
1	Weather optimal area-keeping control for underactuated autonomous surface vehicle with input time-delay. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2022 , 100456	2.3	