Zhouhua Peng

List of Publications by Year in Descending Order

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 Predictor-Based Dynamic Surface Predictive Control for Power Converters. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	5
159	Anti-disturbance leader-follower synchronization control of marine vessels for underway replenishment based on robust exact differentiators. *Ocean Engineering*, **2022**, 248, 110686	3.9	2
158	Neural Predictor-Based Low Switching Frequency FCS-MPC for MMC With Online Weighting Factors Tuning. *IEEE Transactions on Power Electronics*, **2022**, 37, 4065-4079	7.2	6
157	Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-17	7.3	3
156	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	3.9	0
155	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	3.9	0
154	Event-Triggered ESO-Based Robust MPC for Power Converters. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	2
153	A General Safety-Certified Cooperative Control Architecture for Interconnected Intelligent Surface Vehicles with Applications to Vessel Train. *IEEE Transactions on Intelligent Vehicles*, **2022**, 1-1	5	2
152	Weather optimal area-keeping control for underactuated autonomous surface vehicle with input time-delay. *International Journal of Naval Architecture and Ocean Engineering*, **2022**, 100456	2.3	
151	Data-Driven Neural Predictors Based Robust MPC for Power Converters. *IEEE Transactions on Power Electronics*, **2022**, 1-1	7.2	4
150	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	2.6	
149	Event-triggered Cooperative Path Following of Autonomous Surface Vehicles over Wireless Network with Experiment Results. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	3
148	Distributed Output-feedback Control of Unmanned Container Transporter Platooning with Uncertainties and Disturbances using Event-triggered Mechanism. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	1
147	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	10.2	31
146	Event-Triggered Dynamic Surface Control of an Underactuated Autonomous Surface Vehicle for Target Enclosing. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 3402-3412	8.9	64
145	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 732-745	11.9	83
144	Distributed Containment Maneuvering of Uncertain Multiagent Systems in MIMO Strict-Feedback Form. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1354-1364	7.3	12

143	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	5.6	14
142	Path-Guided Containment Maneuvering of Mobile Robots: Theory and Experiments. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 7178-7187	8.9	9
141	Event-Triggered Neural Predictor-Based FCS-MPC for MMC. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	9
140	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	10.3	12
139	Network-Based Line-of-Sight Path Tracking of Underactuated Unmanned Surface Vehicles With Experiment Results. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
138	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*, **2021**, PP,	10.3	4
137	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*, **2021**, PP,	10.2	9
136	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	10.3	16
135	Cooperative Target Enclosing of Ring-networked Under-actuated Autonomous Surface Vehicles Based on Data-driven Fuzzy Predictors and Extended State Observers. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	4
134	Extended-state-observer-based distributed model predictive formation control of under-actuated unmanned surface vehicles with collision avoidance. *Ocean Engineering*, **2021**, 238, 109587	3.9	5
133	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 11621-11627	8.9	14
132	Efficient model-free predictive power control for active front-end modular multilevel converter. *International Journal of Electrical Power and Energy Systems*, **2021**, 132, 107058	5.1	
131	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*, **2021**, 1-1	5.6	1
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	2.9	1
129	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	5.1	6
128	Event-triggered extended state observers design for dynamic positioning vessels subject to unknown sea loads. *Ocean Engineering*, **2020**, 209, 107242	3.9	33
127	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	3.7	4
126	Adaptive distributed observer design for containment control of heterogeneous discrete-time swarm systems. *Chinese Journal of Aeronautics*, **2020**, 33, 2898-2906	3.7	2

125	Event-triggered neural network control of autonomous surface vehicles over wireless network. *Science China Information Sciences*, **2020**, 63, 1	3.4	6
124	Improved super-twisting sliding mode control of a stand-alone DFIG-DC system with harmonic current suppression. *IET Power Electronics*, **2020**, 13, 1311-1320	2.2	4
123	Nonlinear observer design for a robotic unmanned surface vehicle with experiment results. *Applied Ocean Research*, **2020**, 95, 102028	3.4	6
122	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control **2020**,		1
121	Event-triggered ISS-modular neural network control for containment maneuvering of nonlinear strict-feedback multi-agent systems. *Neurocomputing*, **2020**, 377, 314-324	5.4	12
120	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	5.5	1
119	Event-triggered fuzzy control of networked nonlinear underactuated unmanned surface vehicle. *Ocean Engineering*, **2020**, 213, 107540	3.9	13
118	Cooperative Path Following Ring-Networked Under-Actuated Autonomous Surface Vehicles: Algorithms and Experimental Results. *IEEE Transactions on Cybernetics*, **2020**, 50, 1519-1529	10.2	62
117	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	5.5	18
116	Output-Feedback Cooperative Formation Maneuvering of Autonomous Surface Vehicles With Connectivity Preservation and Collision Avoidance. *IEEE Transactions on Cybernetics*, **2020**, 50, 2527-2535	10.2	93
115	Finite-Level-State Model Predictive Control for Sensorless Three-Phase Four-Arm Modular Multilevel Converter. *IEEE Transactions on Power Electronics*, **2020**, 35, 4462-4466	7.2	22
114	Line-of-Sight Target Enclosing of an Underactuated Autonomous Surface Vehicle With Experiment Results. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 832-841	11.9	27
113	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*, **2019**, 1-11	7.3	27
112	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. *Neurocomputing*, **2019**, 360, 163-171	5.4	4
111	Constrained Control of Autonomous Underwater Vehicles Based on Command Optimization and Disturbance Estimation. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 3627-3635	8.9	127
110	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	4.8	31
109	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	5.1	18
108	Antidisturbance Coordinated Path Following Control of Robotic Autonomous Surface Vehicles: Theory and Experiment. *IEEE/ASME Transactions on Mechatronics*, **2019**, 1-1	5.5	13

107	Adaptive Cooperative Diving of Saucer-Type Underwater Gliders Subject to Model Uncertainties and Input Constraints. *IEEE Access*, **2019**, 7, 60042-60054	3.5	4
106	Distributed containment maneuvering of uncertain under-actuated unmanned surface vehicles guided by multiple virtual leaders with a formation. *Ocean Engineering*, **2019**, 187, 105996	3.9	26
105	Quantitative Assessment of the Influences of Three Gorges Dam on the Water Level of Poyang Lake, China. *Water (Switzerland)*, **2019**, 11, 1519	3	12
104	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	5
103	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	3.9	38
102	Direct voltage regulation of a stand-alone DFIG system with non-linear loads based on an improved-extended state observer and SSM control. *IET Renewable Power Generation*, **2019**, 13, 1891-1901	2.9	2
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	3.5	6
100	Identifying protein-protein interface via a novel multi-scale local sequence and structural representation. *BMC Bioinformatics*, **2019**, 20, 483	3.6	4
99	State recovery and disturbance estimation of unmanned surface vehicles based on nonlinear extended state observers. *Ocean Engineering*, **2019**, 171, 625-632	3.9	63
98	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	8.9	130
97	Approximation Algorithms for the Maximum Weight Internal Spanning Tree Problem. *Algorithmica*, **2019**, 81, 4167-4199	0.9	3
96	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	10.3	81
95	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. *IEEE Transactions on Cybernetics*, **2019**, 49, 961-973	10.2	30
94	Consensus Maneuvering for a Class of Nonlinear Multivehicle Systems in Strict-Feedback Form. *IEEE Transactions on Cybernetics*, **2019**, 49, 1759-1767	10.2	23
93	Progressive approach for SNP calling and haplotype assembly using single molecular sequencing data. *Bioinformatics*, **2018**, 34, 2012-2018	7.2	20
92	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	7.3	177
91	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 1083-1090	4.8	181
90	A simplified multi-objective optimization-based direct finite-control-set model predictive control for active front-end rectifiers with fast dynamic response. *IEEJ Transactions on Electrical and Electronic Engineering*, **2018**, 13, 285-294	1	1

89	Multi-objective fuzzy-decision-making-based FS-MPC with improved performance for grid-connected converters. *Electrical Engineering*, **2018**, 100, 2439-2456	1.5	2
88	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	5.5	24
87	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	11
86	Comprehensive study of instable regions in Pseudomonas aeruginosa and Mycobacterium tuberculosis. *BioMedical Engineering OnLine*, **2018**, 17, 133	4.1	2
85	GRSR: a tool for deriving genome rearrangement scenarios from multiple unichromosomal genome sequences. *BMC Bioinformatics*, **2018**, 19, 291	3.6	2
84	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	2.8	23
83	Fault-tolerant containment control of uncertain nonlinear systems in strict-feedback form. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 497-511	3.6	25
82	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 3831-3839	8.9	179
81	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	7.3	78
80	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	5.5	19
79	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	3.3	130
78	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. *IEEE/ASME Transactions on Mechatronics*, **2017**, 22, 1026-1036	5.5	111
77	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning **2017**,		1
76	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	1
75	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. *Science China Information Sciences*, **2017**, 60, 1	3.4	20
74	Core-genome scaffold comparison reveals the prevalence that inversion events are associated with pairs of inverted repeats. *BMC Genomics*, **2017**, 18, 268	4.5	5
73	Predictive direct power control for three-phase grid-connected converters with online parameter identification. *International Transactions on Electrical Energy Systems*, **2017**, 27, e2240	2.2	10
72	Extended state observer design for autonomous surface vehicles using position-yaw measurements **2017**,		1

71	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	10.3	117
70	Path following of marine surface vehicles with dynamical uncertainty and time-varying ocean disturbances. *Neurocomputing*, **2016**, 173, 799-808	5.4	61
69	Adaptive neural control for cooperative path following of marine surface vehicles: state and output feedback. *International Journal of Systems Science*, **2016**, 47, 343-359	2.3	15
68	A simplified direct finite-control-set model predictive control for AFEs with DC-Link voltage dynamic reference design **2016**,		1
67	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation **2016**,		2
66	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	3.4	14
65	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	1.7	26
64	Containment maneuvering of marine surface vessels **2016**,		1
63	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	7.3	133
62	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. *IEEE/ASME Transactions on Mechatronics*, **2016**, 21, 1210-1221	5.5	75
61	Neural adaptive steering of an unmanned surface vehicle with measurement noises. *Neurocomputing*, **2016**, 186, 228-234	5.4	25
60	Coordinated path following of multiple underacutated marine surface vehicles along one curve. *ISA Transactions*, **2016**, 64, 258-268	5.5	39
59	Nonlinear dynamics modeling and performance prediction for underactuated AUV with fins. *Nonlinear Dynamics*, **2016**, 84, 237-249	5	23
58	Predictor-based LOS guidance law for path following of underactuated marine surface vehicles with sideslip compensation. *Ocean Engineering*, **2016**, 124, 340-348	3.9	66
57	Active disturbance rejection control for an unbalanced stand-alone doubly fed induction generator **2016**,		1
56	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders. *Information Sciences*, **2015**, 316, 163-179	7.7	145
55	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. *Nonlinear Dynamics*, **2015**, 81, 1315-1328	5	17
54	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. *ISA Transactions*, **2015**, 59, 160-71	5.5	44

53	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines **2015**,		2
52	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	2.3	27
51	Distributed containment control for uncertain nonlinear multi-agent systems in non-affine pure-feedback form under switching topologies. *Neurocomputing*, **2015**, 152, 1-10	5.4	58
50	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. *Neurocomputing*, **2015**, 149, 132-141	5.4	40
49	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels **2015**,		2
48	Autopilot design for a robotic unmanned surface vehicle **2015**,		2
47	Adaptive dynamic surface control for cooperative path following of marine surface vehicles with input saturation. *Nonlinear Dynamics*, **2014**, 77, 107-117	5	65
46	Distributed coordinated tracking of multiple autonomous underwater vehicles. *Nonlinear Dynamics*, **2014**, 78, 1261-1276	5	31
45	Cooperative tracking and estimation of linear multi-agent systems with a dynamic leader via iterative learning. *International Journal of Control*, **2014**, 87, 1163-1171	1.5	12
44	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	5.4	61
43	Distributed neural network control for adaptive synchronization of uncertain dynamical multiagent systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 1508-19	10.3	176
42	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. *Neurocomputing*, **2014**, 129, 494-503	5.4	10
41	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	5.4	17
40	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. *International Journal of Systems Science*, **2014**, 45, 2031-2041	2.3	16
39	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	4.8	20
38	A DSC approach to synchronized path following of multiple underactuated AUVs with uncertain dynamics and input constrains **2014**,		1
37	A predictor-based neural DSC design approach to distributed coordinated control of multiple autonomous underwater vehicles **2014**,		1
36	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		6

35	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning **2014**,		2
34	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach **2014**,		1
33	Adaptive fuzzy control for synchronization of second-order nonlinear systems with prescribed performance **2014**,		1
32	Cooperative dynamic positioning of multiple offshore vessels via local information interactions **2014**,		1
31	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	2.8	11
30	Leaderless and leader-follower cooperative control of multiple marine surface vehicles with unknown dynamics. *Nonlinear Dynamics*, **2013**, 74, 95-106	5	55
29	Single neural network approximation based adaptive control for a class of uncertain strict-feedback nonlinear systems. *Nonlinear Dynamics*, **2013**, 72, 175-184	5	39
28	Distributed model reference adaptive control for cooperative tracking of uncertain dynamical multi-agent systems. *IET Control Theory and Applications*, **2013**, 7, 1079-1087	2.5	57
27	A DSC approach to adaptive neural network tracking control for pure-feedback nonlinear systems. *Applied Mathematics and Computation*, **2013**, 219, 6224-6235	2.7	36
26	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. *International Journal of Control*, **2013**, 86, 912-922	1.5	20
25	. *IEEE Transactions on Control Systems Technology*, **2013**, 21, 513-520	4.8	312
24	Distributed robust state and output feedback controller designs for rendezvous of networked autonomous surface vehicles using neural networks. *Neurocomputing*, **2013**, 115, 130-141	5.4	16
23	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	2.5	42
22	Adaptive neural control of nonlinear MIMO systems with unknown time delays. *Neurocomputing*, **2012**, 78, 83-88	5.4	43
21	Robust adaptive neural network control for strict-feedback nonlinear systems with uncertainties **2012**,		1
20	Adaptive control based on single neural network approximation for non-linear pure-feedback systems. *IET Control Theory and Applications*, **2012**, 6, 2387-2396	2.5	33
19	Robust adaptive neural control of uncertain pure-feedback nonlinear systems **2012**,		2
18	Robust leader-follower formation tracking control of multiple underactuated surface vessels. *China Ocean Engineering*, **2012**, 26, 521-534	1.1	12

17	Distributed robust stabilization for a class of uncertain nonlinear multi-agent systems **2012**,		1
16	Robust adaptive formation control of underactuated autonomous surface vehicles with uncertain dynamics. *IET Control Theory and Applications*, **2011**, 5, 1378-1387	2.5	103
15	Adaptive fuzzy control of uncertain MIMO non-linear systems in block-triangular forms. *Nonlinear Dynamics*, **2011**, 63, 105-123	5	37
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	3.6	151
13	Decentralized cooperative control of autonomous surface vehicles with uncertain dynamics: A dynamic surface approach **2011**,		2
12	A DSC approach to robust adaptive NN tracking control for strict-feedback nonlinear systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **2010**, 40, 915-27		376
11	Filtering robust adaptive formation guidance law with uncertain leader dynamics **2010**,		2
10	Single-machine scheduling with simple linear deterioration to minimize earliness penalties. *International Journal of Advanced Manufacturing Technology*, **2010**, 46, 285-290	3.2	37
9	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	3.2	23
8	Single machine group scheduling with general linear deterioration to minimize the makespan. *International Journal of Advanced Manufacturing Technology*, **2009**, 43, 146-150	3.2	41
7	Single-machine scheduling with a time-dependent deterioration. *International Journal of Advanced Manufacturing Technology*, **2009**, 43, 805-809	3.2	34
6	A note on single-machine total completion time problem with general deteriorating function. *International Journal of Advanced Manufacturing Technology*, **2009**, 44, 1213-1218	3.2	16
5	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	3.2	12
4	Adaptive dynamic surface control for a class of uncertain nonlinear systems in pure-feedback form **2009**,		5
3	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		827
2	Adaptive neural network control for a class of uncertain nonlinear systems in pure-feedback form. *Automatica*, **2002**, 38, 1365-1372	5.7	293
1	Shared control of ship autopilots and human pilots for maritime autonomous surface ship in the presence of actuator anomalies. *Systems Science and Control Engineering*,1-12	2	