

List of Publications by Year in  
Descending Order

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**Version:** 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170 papers	4,839 citations	39 h-index	66 g-index
225 ext. papers	6,565 ext. citations	5.3 avg, IF	6.89 L-index

#	Paper	IF	Citations
170	Distributed optimization for coordinated dynamic positioning of multiple surface vessels based on asymptotically stable ESOs. <i>Ocean Engineering</i> , <b>2022</b> , 246, 110507	3.9	0
169	New results on stability of discrete-time systems with infinite delays. <i>Automatica</i> , <b>2022</b> , 136, 110043	5.7	0
168	Stability analysis and predictor feedback control for systems with unbounded delays. <i>Automatica</i> , <b>2022</b> , 135, 109958	5.7	1
167	Low-Gain Compensation for PDE-ODE Cascade Systems with Distributed Diffusion and Counter-Convection. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	
166	A General Safety-Certified Cooperative Control Architecture for Interconnected Intelligent Surface Vehicles with Applications to Vessel Train. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2022</b> , 1-1	5	2
165	A Low Gain Approach to Output Consensus of Networked Heterogeneous Linear Multi-Agent Systems. <i>SIAM Journal on Control and Optimization</i> , <b>2021</b> , 59, 4295-4313	1.9	
164	Global Cooperative Output Regulation of Linear Multi-Agent Systems with Limited Bandwidth. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	0
163	Output-Feedback Flocking Control of Multiple Autonomous Surface Vehicles Based on Data-Driven Adaptive Extended State Observers. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4611-4622	10.2	31
162	Finite-time output regulation for a class of nonlinear multi-agent systems with unity relative degree. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 6210-6232	3.6	1
161	memory fault detection filtering design for uncertain systems with finite frequency specifications. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 5381-5403	3.6	1
160	Output event-triggered tracking synchronization of heterogeneous systems on directed digraph via model-free reinforcement learning. <i>Information Sciences</i> , <b>2021</b> , 559, 171-190	7.7	1
159	Cooperative Output Regulation of Linear Multiagent Systems: An Event-Triggered Adaptive Distributed Observer Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 833-840	5.9	12
158	Fuzzy Adaptive Finite-Time Fault-Tolerant Control for Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 786-796	8.3	94
157	Distributed Output-Feedback Tracking of Multiple Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 477-486	7.3	28
156	Consensus of Heterogeneous Second-Order Nonlinear Uncertain Multiagent Systems Under Switching Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 3331-3338	5.9	4
155	Event-Triggered/Self-Triggered Leader-Following Control of Stochastic Nonlinear Multiagent Systems Using High-Gain Method. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2969-2978	10.2	9
154	Event-Triggered Robust Output Regulation of Uncertain Linear Systems With Unknown Exosystems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4139-4148	7.3	5

153	Moving-Target Enclosing Control for Mobile Agents with Collision Avoidance. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	2
152	Finite Frequency H-/H Memory Fault Detection Filtering Design for Uncertain Takagi-Sugeno Fuzzy Affine Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	0
151	Event-Triggered Cooperative Output Regulation of Heterogeneous Multiagent Systems Under Switching Directed Topologies. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
150	Robust Cooperative Output Regulation of Heterogeneous Uncertain Linear Multi-Agent Systems with Unbounded Distributed Transmission Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	3
149	Output feedback stabilization of linear systems with infinite distributed input and output delays. <i>Information Sciences</i> , <b>2021</b> , 576, 54-67	7.7	0
148	Distributed Average Tracking for Linear Heterogeneous Multi-Agent Systems with External Disturbances. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	3
147	Event-triggered control for containment maneuvering of second-order MIMO multi-agent systems with unmatched uncertainties and disturbances. <i>Chinese Journal of Aeronautics</i> , <b>2020</b> , 33, 2959-2971	3.7	4
146	Event-Triggered Adaptive Fuzzy Output-Feedback Control for Nonstrict-Feedback Nonlinear Systems With Asymmetric Output Constraint. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	10
145	Event-triggered neural network control of autonomous surface vehicles over wireless network. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	6
144	Finite-time optimal control for interconnected nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3451-3470	3.6	6
143	Coverage control for heterogeneous mobile sensor networks with bounded position measurement errors. <i>Automatica</i> , <b>2020</b> , 120, 109118	5.7	5
142	Cooperative Output Tracking of Unknown Heterogeneous Linear Systems by Distributed Event-Triggered Adaptive Control. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	4
141	On Lipschitz conditions of infinite dimensional systems. <i>Automatica</i> , <b>2020</b> , 117, 108947	5.7	3
140	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control <b>2020</b> ,		1
139	Leader-Following Output Consensus of Heterogeneous Uncertain Linear Multiagent Systems With Dynamic Event-Triggered Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12	7.3	13
138	Distributed Output Regulation for a Class of Nonlinear Multiagent Systems With Dynamic Edges. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	1
137	An Extension of BarbalatQ Lemma with its Application to Synchronization of a Class of Switched Networked Nonlinear Systems .. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 9778-9783	0.7	
136	Target localization and enclosing control for networked mobile agents with bearing measurements. <i>Automatica</i> , <b>2020</b> , 118, 109022	5.7	17

135	Containment control with multiple leaders for nonlinear multi-agent systems with unstabilizable linearizations. <i>Neurocomputing</i> , <b>2020</b> , 380, 43-50	5.4	6
134	Consensus of Linear Multiagent Systems With Distributed Infinite Transmission Delays: A Low Gain Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 809-816	5.9	5
133	Event-triggered ISS-modular neural network control for containment maneuvering of nonlinear strict-feedback multi-agent systems. <i>Neurocomputing</i> , <b>2020</b> , 377, 314-324	5.4	12
132	Stability and Stabilization of Infinite Delay Systems: A Lyapunov-Based Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4509-4524	5.9	10
131	Output consensus of heterogeneous linear multi-agent systems with communication, input and output time-delays. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 12825-12839	4	4
130	Convergent Multiagent Formation Control With Collision Avoidance. <i>IEEE Transactions on Robotics</i> , <b>2020</b> , 36, 1805-1818	6.5	50
129	Quantized output regulation of minimum-phase linear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7074-7088	3.6	2
128	Exponential Convergence of Distributed Optimal Coordination for Linear Multi-Agent Systems over General Digraphs <b>2020</b> ,		4
127	Design of Cooperative Output Regulators for Heterogeneous Uncertain Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	3
126	Finite-Time $\mathcal{H}_{\infty}$ Controller Synthesis of T <sub>B</sub> Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1956-1963	7.3	8
125	Cooperative Control of Multiple Nonlinear Benchmark Systems Perturbed by Second-Order Moment Processes. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 902-910	10.2	17
124	Cooperative Path Following Ring-Networked Under-Actuated Autonomous Surface Vehicles: Algorithms and Experimental Results. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1519-1529	10.2	62
123	Distributed Event-Triggered Adaptive Control for Consensus of Linear Multi-Agent Systems with External Disturbances. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2197-2208	10.2	61
122	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> , <b>2020</b> , 104, 212-221	5.5	18
121	Distributed Dynamic Event-Triggered Control for Cooperative Output Regulation of Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3023-3032	10.2	33
120	Quantized Consensus of Multiagent Systems by Event-Triggered Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3231-3242	7.3	13
119	Finite-Time Adaptive Fuzzy Control for Nonstrict-Feedback Nonlinear Systems Via an Event-Triggered Strategy. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2164-2174	8.3	26
118	Leader-Following Attitude Consensus of Multiple Rigid Spacecraft Systems Under Switching Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 839-845	5.9	8

117	Event-Triggered Robust Control for Output Consensus of Unknown Discrete-Time Multiagent Systems With Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	7
116	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> , <b>2019</b> , 1-11	7.3	27
115	Adaptive tracking control of uncertain Euler-Lagrange systems subject to external disturbances. <i>Automatica</i> , <b>2019</b> , 104, 207-219	5.7	15
114	Leader-following consensus of second-order nonlinear multi-agent systems subject to disturbances. <i>Frontiers of Information Technology and Electronic Engineering</i> , <b>2019</b> , 20, 88-94	2.2	2
113	Event-Triggered Cooperative Output Regulation of Linear Multi-Agent Systems Under Jointly Connected Topologies. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1317-1322	5.9	39
112	Circle Formation Control of Mobile Agents With Limited Interaction Range. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2115-2121	5.9	8
111	Semi-global stabilization of linear systems with distributed infinite input delays and actuator saturations. <i>Automatica</i> , <b>2019</b> , 107, 398-405	5.7	13
110	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> , <b>2019</b> , 7, 162735-162746	2.5	6
109	Output Consensus of Heterogeneous Linear Multi-Agent Systems with Adaptive Event-Triggered Control. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 2606-2613	5.9	102
108	Consensus of Single Integrator Multi-Agent Systems with Unbounded Transmission Delays. <i>Journal of Systems Science and Complexity</i> , <b>2019</b> , 32, 778-788	1	14
107	Leader-Following Consensus of Multiple Uncertain Euler-Lagrange Systems With Unknown Dynamic Leader. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4167-4173	5.9	17
106	Event-Triggered Robust Adaptive Fuzzy Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1648-1658	8.3	65
105	Consensus of Heterogeneous Linear Multiagent Systems Subject to Aperiodic Sampled-Data and DoS Attack. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1501-1511	10.2	136
104	Adaptive bipartite consensus control of high-order multiagent systems on coopetition networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2868-2886	3.6	52
103	Adaptive Output Regulation of Heterogeneous Multiagent Systems Under Markovian Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2962-2971	10.2	19
102	Coverage Control for Heterogeneous Mobile Sensor Networks Subject to Measurement Errors. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3479-3486	5.9	8
101	Adaptive nonlinear ship tracking control with unknown control direction. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2828-2840	3.6	10
100	Distributed Circular Formation Control of Nonholonomic Vehicles Without Direct Distance Measurements. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2730-2737	5.9	21

99	Leader-Following Consensus of Multiple Uncertain Euler-Lagrange Systems Subject to Communication Delays and Switching Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2604-2611	5.9	32
98	Robust cooperative output regulation of heterogeneous uncertain linear multi-agent systems by intermittent communication. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 1452-1469	4	7
97	Robust adaptive output feedback control to a class of non-triangular stochastic nonlinear systems. <i>Automatica</i> , <b>2018</b> , 89, 325-332	5.7	116
96	Output regulation of output feedback systems with unknown exosystem and unknown high-frequency gain sign. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 171-178	1.8	3
95	Consensus of Discrete-Time Linear Multiagent Systems With Communication, Input and Output Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 492-497	5.9	47
94	Output tracking of stochastic nonlinear systems with unstable linearization. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 466-477	3.6	22
93	Cooperative Output Regulation of Linear Multi-Agent Systems by Intermittent Communication: A Unified Framework of Time- and Event-Triggering Strategies. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 548-555	5.9	63
92	Output consensus for heterogeneous multiagent systems with Markovian switching network topologies. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 1049-1061	3.6	12
91	Event-Based Impulsive Control of Continuous-Time Dynamic Systems and Its Application to Synchronization of Memristive Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3599-3609	10.3	67
90	Robust output consensus of networked heterogeneous nonlinear systems by distributed output regulation. <i>Automatica</i> , <b>2018</b> , 94, 186-193	5.7	9
89	Robust consensus of a class of heterogeneous nonlinear uncertain multi-agent systems subject to communication constraints <b>2018</b> ,		1
88	Circular formation of networked dynamic unicycles by a distributed dynamic control law. <i>Automatica</i> , <b>2018</b> , 89, 1-7	5.7	22
87	Nussbaum function-based universal cooperative output regulation design for uncertain nonlinear multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 716-728	3.6	4
86	Extended-State-Observer-Based Collision-Free Guidance Law for Target Tracking of Autonomous Surface Vehicles with Unknown Target Dynamics. <i>Complexity</i> , <b>2018</b> , 2018, 1-10	1.6	11
85	Adaptive Leader-Following Consensus of Networked Uncertain Euler-Lagrange Systems With Dynamic Leader Based on Sensory Feedback <b>2018</b> ,		1
84	Stabilization of Minimum-Phase Linear Uncertain Systems With Quantized Measurement Output and Disturbances <b>2018</b> ,		1
83	Leader-following consensus of multiple uncertain Euler-Lagrange systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 4093-4104	3.6	5
82	Stabilization of linear systems with distributed infinite input delays: A low gain approach. <i>Automatica</i> , <b>2018</b> , 94, 396-408	5.7	17



81	Cooperative Output Regulation of Heterogeneous Linear Multi-Agent Systems by Event-Triggered Control. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 105-116	10.2	111
80	Cooperative Output Regulation of Linear Multi-Agent Systems by a Novel Distributed Dynamic Compensator. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 6481-6488	5.9	28
79	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> , <b>2017</b> , 47, 1613-1624	7.3	78
78	Consensus of linear multi-agent systems subject to communication delays and switching networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 1379	3.6	10
77	Adaptive Finite-Time Controller Design for T-S Fuzzy Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2425-2436	10.2	27
76	A result on output regulation of lower triangular systems with unknown high-frequency gain sign. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 4903-4918	3.6	2
75	Nonuniform coverage control for heterogeneous mobile sensor networks on the line. <i>Automatica</i> , <b>2017</b> , 81, 464-470	5.7	5
74	Cooperative control of multiple stochastic high-order nonlinear systems. <i>Automatica</i> , <b>2017</b> , 82, 218-225	5.7	43
73	Target Enclosing and Trajectory Tracking for a Mobile Robot With Input Disturbances <b>2017</b> , 1, 221-226		21
72	Consensus of Heterogeneous Linear Multiagent Systems With Communication Time-Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1820-1829	10.2	41
71	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , <b>2017</b> , 80, 225-231	5.7	386
70	Stability and $\mathcal{L}_1$ Gain Analysis of Boolean Networks With Markovian Jump Parameters. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4222-4228	5.9	106
69	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> , <b>2017</b> , 42, 477-487	3.3	130
68	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning <b>2017</b> ,		1
67	Cooperative global robust output regulation for a class of nonlinear multi-agent systems with communication delays <b>2017</b> ,		1
66	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1	3.4	20
65	Leader-follower formation of vehicles with velocity constraints and local coordinate frames. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1	3.4	5
64	Global disturbance rejection for nonlinear lower triangular systems with iISS inverse dynamics and uncertain exosystem. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 1757-1772	3.6	3

63	Finite-Time Stabilization of a Class of TS Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1824-1829	8.3	17
62	Output Consensus of Heterogeneous Linear Multi-Agent Systems by Distributed Event-Triggered/Self-Triggered Strategy. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1914-1924	10.2	174
61	Distributed Feedforward Approach to Cooperative Output Regulation Subject to Communication Delays and Switching Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 1999-2005	5.9	34
60	Cooperative Output Regulation of Heterogeneous Nonlinear Multi-Agent Systems With Unknown Control Directions. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3039-3045	5.9	50
59	Cooperative Control for Moving-Target Circular Formation of Nonholonomic Vehicles. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 3448-3454	5.9	55
58	Consensus of linear multi-agent systems via fully distributed event-triggered output-feedback control <b>2017</b> ,		1
57	Consensus of single integrator multi-agent systems with unbounded transmission delays <b>2017</b> ,		1
56	Cooperative output regulation of linear multi-agent systems with an event-triggered adaptive distributed observer <b>2017</b> ,		1
55	Extended state observer design for autonomous surface vehicles using position-yaw measurements <b>2017</b> ,		1
54	Robust event-triggered cooperative output regulation of heterogeneous linear uncertain multi-agent systems <b>2016</b> ,		3
53	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation <b>2016</b> ,		2
52	Consensus of homogeneous linear multi-agent systems with time-varying communication delays <b>2016</b> ,		1
51	Consensus of Linear Multi-Agent Systems by Distributed Event-Triggered Strategy. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 148-57	10.2	379
50	Distributed containment tracking of multiple stochastic nonlinear systems. <i>Automatica</i> , <b>2016</b> , 69, 214-224	5.7	51
49	Consensus of single integrator multi-agent systems with directed topology and communication delays. <i>Control Theory and Technology</i> , <b>2016</b> , 14, 21-27	1	8
48	Distributed Formation Control of Nonholonomic Vehicles Subject to Velocity Constraints. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 1289-1298	8.9	79
47	Coverage Control for Mobile Sensor Networks with Input Saturation. <i>Unmanned Systems</i> , <b>2016</b> , 04, 15-21	3	8
46	Distributed circular formation control of ring-networked nonholonomic vehicles. <i>Automatica</i> , <b>2016</b> , 68, 92-99	5.7	59



45	Coverage control for heterogeneous mobile sensor networks on a circle. <i>Automatica</i> , <b>2016</b> , 63, 349-358	5.7	40
44	Distributed circular formation control of multi-robot systems with directed communication topology <b>2016</b> ,		2
43	Cooperative Output Regulation for Uncertain Nonlinear Multi-Agent Systems with Unknown Control Directions**The work described in this paper was supported by the Research Grants Council of the Hong Kong Special Administrative Region of China under Project CityU/138913.. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 392-397	0.7	1
42	An Event-Triggered Control Approach to Cooperative Output Regulation of Heterogeneous Multi-Agent Systems**This work was supported by the Research Grants Council of the Hong Kong Special Administrative Region of China under Project CityU/11209514. Corresponding author: Lu Liu, Tel: 852-34425426. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 564-569	0.7	1
41	Coordinated path following of multiple underactuated marine surface vehicles along one curve. <i>ISA Transactions</i> , <b>2016</b> , 64, 258-268	5.5	39
40	Leader-following consensus of multiple unmanned aerial vehicles with input constraints and local coordinate frames <b>2016</b> ,		3
39	Multilayer RTD-memristor-based cellular neural networks for color image processing. <i>Neurocomputing</i> , <b>2015</b> , 162, 150-162	5.4	34
38	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1315-1328	5	17
37	Self-Triggered Consensus for Multi-Agent Systems With Zeno-Free Triggers. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 2779-2784	5.9	190
36	Composite Characteristics of Memristor Series and Parallel Circuits. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2015</b> , 25, 1530019	2	9
35	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. <i>ISA Transactions</i> , <b>2015</b> , 59, 160-71	5.5	44
34	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines <b>2015</b> ,		2
33	Universal fuzzy models and universal fuzzy controllers for discrete-time nonlinear systems. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 880-7	10.2	10
32	Adaptive Cooperative Output Regulation for a Class of Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 1677-1682	5.9	68
31	Leader-follower consensus of time-varying nonlinear multi-agent systems. <i>Automatica</i> , <b>2015</b> , 52, 8-14	5.7	152
30	Distributed Average Tracking of Networked Euler-Lagrange Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2015</b> , 60, 547-552	5.9	70
29	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels <b>2015</b> ,		2
28	Trajectory Tracking for Nonholonomic Vehicles with Velocity Constraints**The work described in this paper was supported in part by a grant from City University of Hong Kong (Project No. 7200330) and by the Research Grants Council of the Hong Kong Special Administrative Region of China under Project CityU/138913. Corresponding author: Lu Liu, E-mail: luliu45@cityu.edu.hk, Tel: 852-34425426.. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 918-923	0.7	10

27	Fuzzy Decentralized Control for a Class of Networked Systems with Time Delay and Missing Measurements. <i>Asian Journal of Control</i> , <b>2015</b> , 17, 84-98	1.7	6
26	Autopilot design for a robotic unmanned surface vehicle <b>2015</b> ,		2
25	Global cooperative output regulation for nonlinear multi-agent systems with unknown control directions <b>2015</b> ,		3
24	Cooperative output regulation of a class of nonlinear uncertain multi-agent systems with unknown exosystem <b>2015</b> ,		3
23	Universal fuzzy integral sliding-mode controllers for stochastic nonlinear systems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2658-69	10.2	31
22	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 6986-6994	8.9	25
21	Optimal control for multi-agent persistent monitoring. <i>Automatica</i> , <b>2014</b> , 50, 1663-1668	5.7	26
20	Output consensus of heterogeneous linear multi-agent systems by event-triggered control <b>2014</b> ,		6
19	Robust $\mathcal{H}_{\infty}$ Control for Stochastic TS Fuzzy Systems via Integral Sliding-Mode Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 870-881	8.3	34
18	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning <b>2014</b> ,		2
17	Optimal deployment of heterogeneous mobile agents on a circle <b>2014</b> ,		1
16	Global robust output regulation for a class of nonlinear output feedback systems <b>2014</b> ,		2
15	Universal Fuzzy Integral Sliding-Mode Controllers Based on TS Fuzzy Models. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 350-362	8.3	56
14	Persistent awareness coverage control for mobile sensor networks. <i>Automatica</i> , <b>2013</b> , 49, 1867-1873	5.7	53
13	Asymptotical stabilization of fractional-order linear systems in triangular form. <i>Automatica</i> , <b>2013</b> , 49, 3315-3321	5.7	28
12	Persistent awareness coverage with maximum coverage frequency for mobile sensor networks <b>2013</b> ,		3
11	Virtual neighbor based connectivity preserving of multi-agent systems with bounded control inputs in the presence of unreliable communication links. <i>Automatica</i> , <b>2013</b> , 49, 1261-1267	5.7	33
10	Adaptive control of a class of nonlinear systems with its application to a synchronization problem. <i>Asian Journal of Control</i> , <b>2012</b> , 14, 1698-1705	1.7	5

9	Global Disturbance Rejection of Lower Triangular Systems With an Unknown Linear Exosystem. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 1690-1695	5.9	29
8	Parameter convergence and minimal internal model with an adaptive output regulation problem. <i>Automatica</i> , <b>2009</b> , 45, 1306-1311	5.7	80
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6	An Asymptotic Tracking Problem and Its Application. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2008</b> , 55, 2743-2752	3.9	10
5	Parameter convergence with an adaptive output regulation problem <b>2008</b> ,		2
4	Global robust output regulation of lower triangular systems with unknown control direction. <i>Automatica</i> , <b>2008</b> , 44, 1278-1284	5.7	74
3	Global robust output regulation of output feedback systems with unknown high-frequency gain sign. <i>IEEE Transactions on Automatic Control</i> , <b>2006</b> , 51, 625-631	5.9	45
2	An Overview of Recent Advances in Distributed Coordination of Multi-Agent Systems. <i>Unmanned Systems</i> ,	3	4
1	Predictor feedback and integrator backstepping of linear systems with distributed unbounded delays. <i>International Journal of Robust and Nonlinear Control</i> ,	3.6	1