Lu Liu

List of Publications by Citations

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	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. *Automatica*, **2017**, 80, 225-231	5.7	386
169	Consensus of Linear Multi-Agent Systems by Distributed Event-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2016**, 46, 148-57	10.2	379
168	Self-Triggered Consensus for Multi-Agent Systems With Zeno-Free Triggers. *IEEE Transactions on Automatic Control*, **2015**, 60, 2779-2784	5.9	190
167	Output Consensus of Heterogeneous Linear Multi-Agent Systems by Distributed Event-Triggered/Self-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2017**, 47, 1914-1924	10.2	174
166	Leaderfollower consensus of time-varying nonlinear multi-agent systems. *Automatica*, **2015**, 52, 8-14	5.7	152
165	Consensus of Heterogeneous Linear Multiagent Systems Subject to Aperiodic Sampled-Data and DoS Attack. *IEEE Transactions on Cybernetics*, **2019**, 49, 1501-1511	10.2	136
164	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
163	Robust adaptive output feedback control to a class of non-triangular stochastic nonlinear systems. *Automatica*, **2018**, 89, 325-332	5.7	116
162	Cooperative Output Regulation of Heterogeneous Linear Multi-Agent Systems by Event-Triggered Control. *IEEE Transactions on Cybernetics*, **2017**, 47, 105-116	10.2	111
161	Stability and l_1 Gain Analysis of Boolean Networks With Markovian Jump Parameters. *IEEE Transactions on Automatic Control*, **2017**, 62, 4222-4228	5.9	106
160	Output Consensus of Heterogeneous Linear Multi-Agent Systems with Adaptive Event-Triggered Control. *IEEE Transactions on Automatic Control*, **2019**, 64, 2606-2613	5.9	102
159	Fuzzy Adaptive Finite-Time Fault-Tolerant Control for Strict-Feedback Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 786-796	8.3	94
158	Parameter convergence and minimal internal model with an adaptive output regulation problem. *Automatica*, **2009**, 45, 1306-1311	5.7	80
157	Distributed Formation Control of Nonholonomic Vehicles Subject to Velocity Constraints. *IEEE Transactions on Industrial Electronics*, **2016**, 63, 1289-1298	8.9	79
156	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
155	Global robust output regulation of lower triangular systems with unknown control direction. *Automatica*, **2008**, 44, 1278-1284	5.7	74
154	Distributed Average Tracking of Networked Euler-Lagrange Systems. *IEEE Transactions on Automatic Control*, **2015**, 60, 547-552	5.9	70

153	Adaptive Cooperative Output Regulation for a Class of Nonlinear Multi-Agent Systems. *IEEE Transactions on Automatic Control*, **2015**, 60, 1677-1682	5.9	68
152	Event-Based Impulsive Control of Continuous-Time Dynamic Systems and Its Application to Synchronization of Memristive Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3599-3609	10.3	67
151	Event-Triggered Robust Adaptive Fuzzy Control for a Class of Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1648-1658	8.3	65
150	Cooperative Output Regulation of Linear Multi-Agent Systems by Intermittent Communication: A Unified Framework of Time- and Event-Triggering Strategies. *IEEE Transactions on Automatic Control*, **2018**, 63, 548-555	5.9	63
149	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
148	Distributed Event-Triggered Adaptive Control for Consensus of Linear Multi-Agent Systems with External Disturbances. *IEEE Transactions on Cybernetics*, **2020**, 50, 2197-2208	10.2	61
147	Distributed circular formation control of ring-networked nonholonomic vehicles. *Automatica*, **2016**, 68, 92-99	5.7	59
146	Universal Fuzzy Integral Sliding-Mode Controllers Based on T-S Fuzzy Models. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 350-362	8.3	56
145	Cooperative Control for Moving-Target Circular Formation of Nonholonomic Vehicles. *IEEE Transactions on Automatic Control*, **2017**, 62, 3448-3454	5.9	55
144	Persistent awareness coverage control for mobile sensor networks. *Automatica*, **2013**, 49, 1867-1873	5.7	53
143	Adaptive bipartite consensus control of high-order multiagent systems on coopetition networks. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 2868-2886	3.6	52
142	Distributed containment tracking of multiple stochastic nonlinear systems. *Automatica*, **2016**, 69, 214-225	5.7	51
141	Cooperative Output Regulation of Heterogeneous Nonlinear Multi-Agent Systems With Unknown Control Directions. *IEEE Transactions on Automatic Control*, **2017**, 62, 3039-3045	5.9	50
140	Convergent Multiagent Formation Control With Collision Avoidance. *IEEE Transactions on Robotics*, **2020**, 36, 1805-1818	6.5	50
139	Consensus of Discrete-Time Linear Multiagent Systems With Communication, Input and Output Delays. *IEEE Transactions on Automatic Control*, **2018**, 63, 492-497	5.9	47
138	Global robust output regulation of output feedback systems with unknown high-frequency gain sign. *IEEE Transactions on Automatic Control*, **2006**, 51, 625-631	5.9	45
137	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. *ISA Transactions*, **2015**, 59, 160-71	5.5	44
136	Cooperative control of multiple stochastic high-order nonlinear systems. *Automatica*, **2017**, 82, 218-225	5.7	43

135	Consensus of Heterogeneous Linear Multiagent Systems With Communication Time-Delays. *IEEE Transactions on Cybernetics*, **2017**, 47, 1820-1829	10.2	41
134	Coverage control for heterogeneous mobile sensor networks on a circle. *Automatica*, **2016**, 63, 349-358	5.7	40
133	Event-Triggered Cooperative Output Regulation of Linear Multi-Agent Systems Under Jointly Connected Topologies. *IEEE Transactions on Automatic Control*, **2019**, 64, 1317-1322	5.9	39
132	Coordinated path following of multiple underacutated marine surface vehicles along one curve. *ISA Transactions*, **2016**, 64, 258-268	5.5	39
131	Multilayer RTD-memristor-based cellular neural networks for color image processing. *Neurocomputing*, **2015**, 162, 150-162	5.4	34
130	Distributed Feedforward Approach to Cooperative Output Regulation Subject to Communication Delays and Switching Networks. *IEEE Transactions on Automatic Control*, **2017**, 62, 1999-2005	5.9	34
129	Robust $mathscr{H}_{infty }$ Control for Stochastic T□S Fuzzy Systems via Integral Sliding-Mode Approach. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 870-881	8.3	34
128	Virtual neighbor based connectivity preserving of multi-agent systems with bounded control inputs in the presence of unreliable communication links. *Automatica*, **2013**, 49, 1261-1267	5.7	33
127	Distributed Dynamic Event-Triggered Control for Cooperative Output Regulation of Linear Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 3023-3032	10.2	33
126	Leader-Following Consensus of Multiple Uncertain Euler□agrange Systems Subject to Communication Delays and Switching Networks. *IEEE Transactions on Automatic Control*, **2018**, 63, 2604-2611	5.9	32
125	Universal fuzzy integral sliding-mode controllers for stochastic nonlinear systems. *IEEE Transactions on Cybernetics*, **2014**, 44, 2658-69	10.2	31
124	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
123	Global Disturbance Rejection of Lower Triangular Systems With an Unknown Linear Exosystem. *IEEE Transactions on Automatic Control*, **2011**, 56, 1690-1695	5.9	29
122	Cooperative Output Regulation of Linear Multi-Agent Systems by a Novel Distributed Dynamic Compensator. *IEEE Transactions on Automatic Control*, **2017**, 62, 6481-6488	5.9	28
121	Asymptotical stabilization of fractional-order linear systems in triangular form. *Automatica*, **2013**, 49, 3315-3321	5.7	28
120	Distributed Output-Feedback Tracking of Multiple Nonlinear Systems With Unmeasurable States. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 477-486	7.3	28
119	Adaptive Finite-Time Controller Design for T-S Fuzzy Systems. *IEEE Transactions on Cybernetics*, **2017**, 47, 2425-2436	10.2	27
118	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

117	Optimal control for multi-agent persistent monitoring. *Automatica*, **2014**, 50, 1663-1668	5.7	26
116	Finite-Time Adaptive Fuzzy Control for Nonstrict-Feedback Nonlinear Systems Via an Event-Triggered Strategy. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2164-2174	8.3	26
115	. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 6986-6994	8.9	25
114	Output tracking of stochastic nonlinear systems with unstable linearization. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 466-477	3.6	22
113	Circular formation of networked dynamic unicycles by a distributed dynamic control law. *Automatica*, **2018**, 89, 1-7	5.7	22
112	Target Enclosing and Trajectory Tracking for a Mobile Robot With Input Disturbances **2017**, 1, 221-226		21
111	Distributed Circular Formation Control of Nonholonomic Vehicles Without Direct Distance Measurements. *IEEE Transactions on Automatic Control*, **2018**, 63, 2730-2737	5.9	21
110	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. *Science China Information Sciences*, **2017**, 60, 1	3.4	20
109	Adaptive Output Regulation of Heterogeneous Multiagent Systems Under Markovian Switching Topologies. *IEEE Transactions on Cybernetics*, **2018**, 48, 2962-2971	10.2	19
108	Asymptotic Disturbance Rejection of the Duffing System by Adaptive Output Feedback Control. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2008**, 55, 1066-1070	3.5	19
107	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
106	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. *Nonlinear Dynamics*, **2015**, 81, 1315-1328	5	17
105	Finite-Time Stabilization of a Class of T S Fuzzy Systems. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 1824-1829	8.3	17
104	Target localization and enclosing control for networked mobile agents with bearing measurements. *Automatica*, **2020**, 118, 109022	5.7	17
103	Leader ollowing Consensus of Multiple Uncertain Euler agrange Systems With Unknown Dynamic Leader. *IEEE Transactions on Automatic Control*, **2019**, 64, 4167-4173	5.9	17
102	Cooperative Control of Multiple Nonlinear Benchmark Systems Perturbed by Second-Order Moment Processes. *IEEE Transactions on Cybernetics*, **2020**, 50, 902-910	10.2	17
101	Stabilization of linear systems with distributed infinite input delays: A low gain approach. *Automatica*, **2018**, 94, 396-408	5.7	17
100	Adaptive tracking control of uncertain Euler agrange systems subject to external disturbances. *Automatica*, **2019**, 104, 207-219	5.7	15

99	Consensus of Single Integrator Multi-Agent Systems with Unbounded Transmission Delays. *Journal of Systems Science and Complexity*, **2019**, 32, 778-788	1	14
98	Semi-global stabilization of linear systems with distributed infinite input delays and actuator saturations. *Automatica*, **2019**, 107, 398-405	5.7	13
97	Leader-Following Output Consensus of Heterogeneous Uncertain Linear Multiagent Systems With Dynamic Event-Triggered Strategy. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	13
96	Quantized Consensus of Multiagent Systems by Event-Triggered Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3231-3242	7.3	13
95	Output consensus for heterogeneous multiagent systems with Markovian switching network topologies. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1049-1061	3.6	12
94	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
93	Cooperative Output Regulation of Linear Multiagent Systems: An Event-Triggered Adaptive Distributed Observer Approach. *IEEE Transactions on Automatic Control*, **2021**, 66, 833-840	5.9	12
92	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
91	Consensus of linear multi-agent systems subject to communication delays and switching networks. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 1379	3.6	10
90	Universal fuzzy models and universal fuzzy controllers for discrete-time nonlinear systems. *IEEE Transactions on Cybernetics*, **2015**, 45, 880-7	10.2	10
89	Event-Triggered Adaptive Fuzzy Output-Feedback Control for Nonstrict-Feedback Nonlinear Systems With Asymmetric Output Constraint. *IEEE Transactions on Cybernetics*, **2020**,	10.2	10
88	Adaptive nonlinear ship tracking control with unknown control direction. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 2828-2840	3.6	10
87	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:	0.7	10
86	An Asymptotic Tracking Problem and Its Application. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2008**, 55, 2743-2752	3.9	10
85	Stability and Stabilization of Infinite Delay Systems: A Lyapunov-Based Approach. *IEEE Transactions on Automatic Control*, **2020**, 65, 4509-4524	5.9	10
84	Composite Characteristics of Memristor Series and Parallel Circuits. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2015**, 25, 1530019	2	9
83	Robust output consensus of networked heterogeneous nonlinear systems by distributed output regulation. *Automatica*, **2018**, 94, 186-193	5.7	9
82	Event-Triggered/Self-Triggered Leader-Following Control of Stochastic Nonlinear Multiagent Systems Using High-Gain Method. *IEEE Transactions on Cybernetics*, **2021**, 51, 2969-2978	10.2	9

81	Coverage Control for Heterogeneous Mobile Sensor Networks Subject to Measurement Errors. *IEEE Transactions on Automatic Control*, **2018**, 63, 3479-3486	5.9	8
80	Consensus of single integrator multi-agent systems with directed topology and communication delays. *Control Theory and Technology*, **2016**, 14, 21-27	1	8
79	Coverage Control for Mobile Sensor Networks with Input Saturation. *Unmanned Systems*, **2016**, 04, 15-21	3	8
78	Circle Formation Control of Mobile Agents With Limited Interaction Range. *IEEE Transactions on Automatic Control*, **2019**, 64, 2115-2121	5.9	8
77	Finite-Time $mathcal{H}_{infty}$ Controller Synthesis of T-S Fuzzy Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1956-1963	7.3	8
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75	Robust cooperative output regulation of heterogeneous uncertain linear multi-agent systems by intermittent communication. *Journal of the Franklin Institute*, **2018**, 355, 1452-1469	4	7
74	Event-Triggered Robust Control for Output Consensus of Unknown Discrete-Time Multiagent Systems With Unmodeled Dynamics. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	7
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72	Finite-time optimal control for interconnected nonlinear systems. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 3451-3470	3.6	6
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70	Output consensus of heterogeneous linear multi-agent systems by event-triggered control **2014**,		6
69	Containment control with multiple leaders for nonlinear multi-agent systems with unstabilizable linearizations. *Neurocomputing*, **2020**, 380, 43-50	5.4	6
68	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
67	Nonuniform coverage control for heterogeneous mobile sensor networks on the line. *Automatica*, **2017**, 81, 464-470	5.7	5
66	Coverage control for heterogeneous mobile sensor networks with bounded position measurement errors. *Automatica*, **2020**, 120, 109118	5.7	5
65	Leader-follower formation of vehicles with velocity constraints and local coordinate frames. *Science China Information Sciences*, **2017**, 60, 1	3.4	5
64	Adaptive control of a class of nonlinear systems with its application to a synchronization problem. *Asian Journal of Control*, **2012**, 14, 1698-1705	1.7	5

63	Consensus of Linear Multiagent Systems With Distributed Infinite Transmission Delays: A Low Gain Approach. *IEEE Transactions on Automatic Control*, **2020**, 65, 809-816	5.9	5
62	Event-Triggered Robust Output Regulation of Uncertain Linear Systems With Unknown Exosystems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 4139-4148	7.3	5
61	Leader-following consensus of multiple uncertain Euler-Lagrange systems. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 4093-4104	3.6	5
60	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
59	Cooperative Output Tracking of Unknown Heterogeneous Linear Systems by Distributed Event-Triggered Adaptive Control. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
58	An Overview of Recent Advances in Distributed Coordination of Multi-Agent Systems. *Unmanned Systems*,	3	4
57	Output consensus of heterogeneous linear multi-agent systems with communication, input and output time-delays. *Journal of the Franklin Institute*, **2020**, 357, 12825-12839	4	4
56	Exponential Convergence of Distributed Optimal Coordination for Linear Multi-Agent Systems over General Digraphs **2020**,		4
55	Consensus of Heterogeneous Second-Order Nonlinear Uncertain Multiagent Systems Under Switching Networks. *IEEE Transactions on Automatic Control*, **2021**, 66, 3331-3338	5.9	4
54	Nussbaum function-based universal cooperative output regulation design for uncertain nonlinear multiagent systems. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 716-728	3.6	4
53	On Lipschitz conditions of infinite dimensional systems. *Automatica*, **2020**, 117, 108947	5.7	3
52	Output regulation of output feedback systems with unknown exosystem and unknown high-frequency gain sign. *Transactions of the Institute of Measurement and Control*, **2018**, 40, 171-178	1.8	3
51	Robust event-triggered cooperative output regulation of heterogeneous linear uncertain multi-agent systems **2016**,		3
50	Persistent awareness coverage with maximum coverage frequency for mobile sensor networks **2013**,		3
49	Global disturbance rejection for nonlinear lower triangular systems with iISS inverse dynamics and uncertain exosystem. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 1757-1772	3.6	3
48	Global cooperative output regulation for nonlinear multi-agent systems with unknown control directions **2015**,		3
47	Cooperative output regulation of a class of nonlinear uncertain multi-agent systems with unknown exosystem **2015**,		3
46	Design of Cooperative Output Regulators for Heterogeneous Uncertain Nonlinear Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3

45	Leader-following consensus of multiple unmanned aerial vehicles with input constraints and local coordinate frames **2016**,		3
44	Robust Cooperative Output Regulation of Heterogeneous Uncertain Linear Multi-Agent Systems with Unbounded Distributed Transmission Delays. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
43	Distributed Average Tracking for Linear Heterogeneous Multi-Agent Systems with External Disturbances. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	3
42	A result on output regulation of lower triangular systems with unknown high-frequency gain sign. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 4903-4918	3.6	2
41	Leader-following consensus of second-order nonlinear multi-agent systems subject to disturbances. *Frontiers of Information Technology and Electronic Engineering*, **2019**, 20, 88-94	2.2	2
40	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines **2015**,		2
39	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation **2016**,		2
38	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels **2015**,		2
37	Autopilot design for a robotic unmanned surface vehicle **2015**,		2
36	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning **2014**,		2
35	Global robust output regulation for a class of nonlinear output feedback systems **2014**,		2
34	Parameter convergence with an adaptive output regulation problem **2008**,		2
33	Quantized output regulation of minimum-phase linear uncertain systems. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7074-7088	3.6	2
32	Distributed circular formation control of multi-robot systems with directed communication topology **2016**,		2
31	Moving-Target Enclosing Control for Mobile Agents with Collision Avoidance. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1	4	2
30	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
29	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning **2017**,		1
28	Consensus of homogeneous linear multi-agent systems with time-varying communication delays **2016**,		1

27	Robust consensus of a class of heterogeneous nonlinear uncertain multi-agent systems subject to communication constraints **2018**,		1
26	Cooperative global robust output regulation for a class of nonlinear multi-agent systems with communication delays **2017**,		1
25	Consensus of linear multi-agent systems via fully distributed event-triggered output-feedback control **2017**,		1
24	Consensus of single integrator multi-agent systems with unbounded transmission delays **2017**,		1
23	Cooperative output regulation of linear multi-agent systems with an event-triggered adaptive distributed observer **2017**,		1
22	Extended state observer design for autonomous surface vehicles using position-yaw measurements **2017**,		1
21	Optimal deployment of heterogeneous mobile agents on a circle **2014**,		1
20	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control **2020**,		1
19	Distributed Output Regulation for a Class of Nonlinear Multiagent Systems With Dynamic Edges. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
18	Stability analysis and predictor feedback control for systems with unbounded delays. *Automatica*, **2022**, 135, 109958	5.7	1
17	Finite-time output regulation for a class of nonlinear multi-agent systems with unity relative degree. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 6210-6232	3.6	1
16	memory fault detection filtering design for uncertain systems with finite frequency specifications. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 5381-5403	3.6	1
15	Output event-triggered tracking synchronization of heterogeneous systems on directed digraph via model-free reinforcement learning. *Information Sciences*, **2021**, 559, 171-190	7.7	1
14	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..	0.7	1
13	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. *IFAC-PapersOnLine*, **2016**, 49, 564-569	0.7	1
12	Event-Triggered Cooperative Output Regulation of Heterogeneous Multiagent Systems Under Switching Directed Topologies. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
11	Adaptive Leader-Following Consensus of Networked Uncertain Euler-Lagrange Systems With Dynamic Leader Based on Sensory Feedback **2018**,		1
10	Stabilization of Minimum-Phase Linear Uncertain Systems With Quantized Measurement Output and Disturbances **2018**,		1

9	Predictor feedback and integrator backstepping of linear systems with distributed unbounded delays. *International Journal of Robust and Nonlinear Control*,	3.6	1
8	Distributed optimization for coordinated dynamic positioning of multiple surface vessels based on asymptotically stable ESOs. *Ocean Engineering*, **2022**, 246, 110507	3.9	0
7	New results on stability of discrete-time systems with infinite delays. *Automatica*, **2022**, 136, 110043	5.7	0
6	Global Cooperative Output Regulation of Linear Multi-Agent Systems with Limited Bandwidth. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1	4	0
5	Finite Frequency H-/H Memory Fault Detection Filtering Design for Uncertain Takagi-Sugeno Fuzzy Affine Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	0
4	Output feedback stabilization of linear systems with infinite distributed input and output delays. *Information Sciences*, **2021**, 576, 54-67	7.7	0
3	A Low Gain Approach to Output Consensus of Networked Heterogeneous Linear Multi-Agent Systems. *SIAM Journal on Control and Optimization*, **2021**, 59, 4295-4313	1.9	
2	An Extension of Barbalat Lemma with its Application to Synchronization of a Class of Switched Networked Nonlinear Systems .. *IFAC-PapersOnLine*, **2020**, 53, 9778-9783	0.7	
1	Low-Gain Compensation for PDE-ODE Cascade Systems with Distributed Diffusion and Counter-Convection. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	