

CITATION REPORT

List of articles citing

Leader-following consensus of multi-agent systems under fixed and switching topologies

DOI: 10.1016/j.sysconle.2010.01.006

Systems and Control Letters, 2010, 59, 209-217.

Source: <https://exaly.com/paper-pdf/48339931/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
1114	Adaptive control and signal processing literature survey (No. 18). 2010 , 24, 523-528		
1113	Synchronized tracking control of multi-agent system with limited information. 2010 ,		2
1112	Stability of a class of linear switching systems with applications to two consensus problems. 2011 ,		
1111	On consensus speed of leader-following multi-agent system with an improved algorithm. 2011 ,		2
1110	Leader Following of Nonlinear Agents With Switching Connective Network and Coupling Delay. 2011 , 58, 2508-2519		44
1109	Output Regulation of a Class of Switched Linear Multi-Agent Systems: a Distributed Observer Approach. 2011 , 44, 4495-4500		4
1108	Dynamic Consensus and Formation: Fixed and Switching Topologies. 2011 , 44, 9188-9193		1
1107	Synchronization of multi-agent systems with delayed control input information from neighbors. 2011 , 47, 2152-2164		68
1106	Stationary consensus of heterogeneous multi-agent systems with bounded communication delays. 2011 , 47, 2130-2133		146
1105	Coordination of discrete-time multi-agent systems via relative output feedback. 2011 , 21, 1587-1605		73
1104	Detection of undesirable communication patterns in multi-agent systems. 2011 , 24, 103-116		9
1103	Cascade design for formation control of nonholonomic systems in chained form. 2011 , 348, 973-998		24
1102	Fault tolerant cooperative control for a class of nonlinear multi-agent systems. <i>Systems and Control Letters</i> , 2011 , 60, 271-277	2.4	84
1101	Quasi-average consensus of wireless sensor networks under fixed and varying topologies with respect to sleeping-awaking method. 2011 ,		1
1100	Distributed discrete-time coordinated tracking for networked single-integrator agents under a Markovian switching topology. 2011 ,		
1099	. 2011 ,		16
1098	Leader-following formation control of multi-agent systems under fixed and switching topologies. 2012 , 85, 695-705		80

1097 . 2012,

1096 Coordinated tracking of multi-agent systems with a leader of bounded unknown input using distributed continuous controllers. 2012, 1

1095 Decentralized centroid estimation for multi-agent systems in absence of a common reference frame: A convergence analysis. 2012, 5

1094 Adaptive Third-Order Leader-Following Consensus of Nonlinear Multi-agent Systems with Perturbations. 2012, 29, 020503 7

1093 Consensus Of Identical Linear Systems with Communication Delays by Using the Information of Second-Order Neighbors. 2012, 15, no-no

1092 Adaptive consensus tracking control of uncertain nonlinear systems: A first-order example. 2012, 7

1091 Leader-following consensus of linear multi-agent systems with state-observer under switching topologies. 2012, 0

1090 Distributed robust stabilization for a class of uncertain nonlinear multi-agent systems. 2012, 1

1089 Design of adaptive neural fuzzy formation controller for multi-robot systems. 2012,

1088 Distributed tracking control for linear multi-agent systems with a leader of bounded input using output information. 2012, 4

1087 Second-Order Consensus for Multiagent Systems under Directed and Switching Topologies. 2012, 2012, 1-21 6

1086 Finite-Time H_∞ Consensus of Multi-Agent Systems with a Leader. 2012, 241-244, 1608-1613 1

1085 Exponential networked synchronization of master-slave chaotic systems with time-varying communication topologies. 2012, 21, 040503 4

1084 Leader-following formation of switching multirobot systems via internal model. 2012, 42, 817-26 30

1083 Cooperative output regulation with application to multi-agent consensus under switching network. 2012, 42, 864-75 233

1082 Cooperative robust output regulation of linear uncertain multi-agent systems. 2012, 9

1081 Stability of a Class of Linear Switching Systems with Applications to Two Consensus Problems. 2012, 57, 1420-1430 249

1080 Distributed Luenberger observers for linear systems. 2012,

1079	Adaptive backstepping sliding mode control for leader-follower multi-agent systems. 2012 , 6, 1109-1117	73
1078	Two consensus problems for discrete-time multi-agent systems with switching network topology. 2012 , 48, 1988-1997	117
1077	Consensus of second-order multi-agent systems with nonuniform time-varying delays. 2012 , 97, 410-414	52
1076	Optimal selection strategy for multi-agent system with single leader. 2012 ,	4
1075	On global consensus of linear multi-agent systems subject to input saturation. 2012 ,	2
1074	On the controlled consensus protocols with directed graphs. 2012 ,	
1073	Global robust output regulation for nonlinear multi-agent systems in strict feedback form. 2012 ,	8
1072	A novel result on cluster consensus control of multiple generic linear agents. 2012 ,	1
1071	Consensus control for directed networks with multiple higher-order discrete dynamic agents: An ILC-based approach. 2012 ,	1
1070	Coverage tracking control for multiple cooperative agents. 2012 , 85, 660-670	3
1069	Adaptive consensus of multi-agents in networks with jointly connected topologies. 2012 , 48, 1783-1790	179
1068	Consensus of Nonlinear Agents in Directed Network With Switching Topology and Communication Delay. 2012 , 59, 3015-3023	27
1067	Necessary and sufficient conditions for consensus of multi-agent systems with nonlinear dynamics and variable topology. 2012 ,	1
1066	Leader-following consensus problem with an accelerated motion leader. 2012 , 10, 931-939	25
1065	Passivity-based consensus and passification for a class of stochastic multi-agent systems with switching topology. 2012 ,	6
1064	Cooperative output regulation of linear multi-agent systems by output feedback. <i>Systems and Control Letters</i> , 2012 , 61, 1248-1253	2.4 88
1063	Dynamical consensus seeking of heterogeneous multi-agent systems under input delays. 2012 , 26, n/a-n/a	11
1062	Synchronised tracking control of multi-agent system with high-order dynamics. 2012 , 6, 603	114

1061	Iterative learning approaches to design finite-time consensus protocols for multi-agent systems. <i>Systems and Control Letters</i> , 2012 , 61, 187-194	2.4	78
1060	Distributed discrete-time coordinated tracking with Markovian switching topologies. <i>Systems and Control Letters</i> , 2012 , 61, 766-772	2.4	44
1059	Continuous-time consensus with discrete-time communications. <i>Systems and Control Letters</i> , 2012 , 61, 788-796	2.4	11
1058	Tracking control over a finite interval for multi-agent systems with a time-varying reference trajectory. <i>Systems and Control Letters</i> , 2012 , 61, 807-818	2.4	75
1057	Dynamic consensus of high-order multi-agent systems and its application in the motion control of multiple mobile robots. 2012 , 9, 54-62		11
1056	Quasi-average mean square consensus for wireless sensor networks under three topologies with respect to sleeping-awaking method. 2013 , 34, 379-395		2
1055	A New Observer-Type Consensus Protocol for Linear Multi-Agent Dynamical Systems. 2013 , 15, 571-582		29
1054	Stable-protocol output consensualization for high-order swarm systems with switching topologies. 2013 , 23, 2044-2059		4
1053	Consensus controllability, observability and robust design for leader-following linear multi-agent systems. 2013 , 49, 2199-2205		47
1052	Network-based leader-following consensus for distributed multi-agent systems. 2013 , 49, 2281-2286		253
1051	Adaptive flocking control of nonlinear multi-agent systems with directed switching topologies and saturation constraints. 2013 , 350, 1545-1561		32
1050	Consensus of multi-agent systems with general linear dynamics via dynamic output feedback control. 2013 , 7, 108-115		41
1049	Control of multivehicle systems in the presence of uncertain dynamics. 2013 , 86, 1540-1553		23
1048	Leader-following consensus of multi-agent systems with switching topologies and time-delays. 2013 , 11, 306-310		9
1047	Consensus tracking for higher-order multi-agent systems with switching directed topologies and occasionally missing control inputs. <i>Systems and Control Letters</i> , 2013 , 62, 1151-1158	2.4	189
1046	Information Topology-independent Consensus Criteria for Second-order Systems under Directed Graph. 2013 , 39, 995-1002		4
1045	Sensor-network-based robust distributed control and estimation. 2013 , 21, 1238-1249		37
1044	Adaptive finite-time consensus in multi-agent networks. <i>Systems and Control Letters</i> , 2013 , 62, 880-889	2.4	77

1043	The synchronization of linear systems under quantized measurements. <i>Systems and Control Letters</i> , 2013 , 62, 972-980	2.4	14
1042	Consensus of Linear Multi-Agent Systems with Communication and Input Delays. 2013 , 39, 1133-1140		19
1041	Distributed model reference adaptive control for cooperative tracking of uncertain dynamical multi-agent systems. 2013 , 7, 1079-1087		57
1040	Cluster consensus control of generic linear multi-agent systems under directed topology with acyclic partition. 2013 , 49, 2898-2905		228
1039	Distributed consensus tracking of multi-agent systems with nonlinear dynamics under a reference leader. 2013 , 86, 1859-1869		53
1038	Multi-robot nonlinear model predictive formation control: Moving target and target absence. 2013 , 61, 1502-1515		43
1037	Output Containment Control for High-Order Linear Time-Invariant Swarm Systems. 2013 ,		
1036	Control of rigid formations subject to nonholonomic dynamics constraints and velocity bounds. 2013 ,		1
1035	Tracking algorithms for multiagent systems. 2013 , 24, 1660-76		24
1034	Distributed tracking control of multi-agent systems with heterogeneous uncertainties. 2013 ,		1
1033	Stable-protocol output consensus for high-order linear swarm systems with time-varying delays. 2013 , 7, 975-984		9
1032	Cooperative tracking of uncertain dynamical multi-agent systems: A distributed MRAC approach. 2013 ,		
1031	Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. 2013 , 60, 1881-1889		340
1030	Distributed neural control for cooperative tracking of uncertain nonlinear multi-agent systems under a directed network. 2013 ,		
1029	Adaptive dynamic surface control for fault-tolerant multi-robot systems. 2013 ,		9
1028	Containment control of discrete-time multi-agent systems based on delayed neighbours' information. 2013 ,		3
1027	Consensus-based distributed energy management with real-time pricing. 2013 ,		7
1026	On global leader-following consensus of identical linear dynamic systems subject to actuator saturation. <i>Systems and Control Letters</i> , 2013 , 62, 132-142	2.4	180

1025	An Overview of Recent Progress in the Study of Distributed Multi-Agent Coordination. 2013 , 9, 427-438	1279
1024	Mean Square Containment Control of Multi-agent Systems with Transmission Noises. 2013 , 39, 1787-1795	3
1023	Global consensus of multiple integrator agents via saturated controls. 2013 , 350, 2261-2276	19
1022	Distributed Tracking Control for Linear Multiagent Systems With a Leader of Bounded Unknown Input. 2013 , 58, 518-523	319
1021	Leader-following consensus of discrete-time multi-agent systems with observer-based protocols. 2013 , 118, 334-341	65
1020	Cooperative adaptive output regulation for a class of nonlinear uncertain multi-agent systems with unknown leader. <i>Systems and Control Letters</i> , 2013 , 62, 461-467	2.4 77
1019	Delay-Induced Synchronization of Identical Linear Multiagent Systems. 2013 , 43, 476-89	58
1018	Further Results on Consensus of Second-Order Multi-Agent Systems With Exogenous Disturbance. 2013 , 60, 3215-3226	42
1017	Practical consensus for high-order linear time-invariant swarm systems with interaction uncertainties, time-varying delays and external disturbances. 2013 , 44, 1843-1856	39
1016	Leader-following consensus of high-order multi-agent linear systems with bounded transmission channels. 2013 , 44, 1711-1725	16
1015	Coordination of multiagents interacting under independent position and velocity topologies. 2013 , 24, 1588-97	32
1014	On Distributed Reduced-Order Observer-Based Protocol for Linear Multiagent Consensus under Switching Topology. 2013 , 2013, 1-13	6
1013	Leader-Following Consensus Stability of Discrete-Time Linear Multiagent Systems with Observer-Based Protocols. 2013 , 2013, 1-10	2
1012	Optimal interconnection design for leader-follower coordination with noise. 2013 , 7, 323-331	
1011	Delay-Distribution-Dependent Consensus for Second-Order Leader-Follower Nonlinear Multiagent Systems via Pinning Control. 2013 , 2013, 1-11	
1010	Fuzzy Formation Control and Collision Avoidance for Multiagent Systems. 2013 , 2013, 1-18	9
1009	Distributed Consensus for Discrete-Time Directed Networks of Multiagents with Time-Delays and Random Communication Links. 2013 , 2013, 1-9	2
1008	Leader-Following Consensus of Linear Multiagent Systems with State Observer under Switching Topologies. 2013 , 2013, 1-12	8

1007	Adaptive Consensus of High Order Multi-Agent Systems with Unknown Nonlinear Dynamics. 2013 , 275-277, 2654-2658	
1006	A MEASUREMENT APPROACH FOR OVERCOMING UNBALANCED OVERWORK IN MULTI-AGENT SYSTEMS. 2013 , 22, 1350026	2
1005	Finite-time consensus of heterogeneous multi-agent systems. 2013 , 22, 038901	17
1004	Sampled-data leader-following consensus of nonlinear multi-agent systems with communication delay. 2013 ,	1
1003	Quantized consensus criterion for discrete-time multi-agent systems with communication delay. 2013 ,	1
1002	Leader-Following Protocol Design for Switched Multiagent Systems with Randomly Occurring Self-Delay. 2013 , 2013, 1-11	
1001	Leader-following consensus for an integrator-type nonlinear multi-agent systems using distributed adaptive protocol. 2013 ,	13
1000	Accelerating average consensus by using the information of second-order neighbours with communication delays. 2013 , 44, 1181-1188	19
999	Coordinated output regulation of multiple heterogeneous linear systems. 2013 ,	9
998	Multiagent synchronization under delay in position and velocity with application to formation control. 2013 ,	
997	Guaranteed cost tracking for uncertain coupled multi-agent systems using consensus over a directed graph. 2013 ,	6
996	Design of output feedback controller for consensus of linear systems having non-uniform ranks With switching topology. 2013 ,	
995	Leader-following consensus control for Markovian switching multi-agent systems with interval time-varying delays. 2013 ,	0
994	Guaranteed performance leader-follower control for multi-agent systems with linear IQC coupling. 2013 ,	6
993	An examination of coordination for homogeneous linear agents under arbitrary network topology. 2013 ,	0
992	Leader-following consensus control for linear multi-agents systems with switching directed topologies. 2013 ,	1
991	Consensus of multi-agent systems with observer-based protocols under switching topologies. 2013 ,	0
990	Cooperative learning in multi-agent systems from intermittent measurements. 2013 ,	5

989	Adaptive consensus of multi-agent systems with unknown nonlinear dynamics. 2013,	
988	Formation control of vehicles using leader-following consensus. 2013,	6
987	Distributed formation output regulation of switching heterogeneous multi-agent systems. 2013, 44, 2004-2014	14
986	Leaderless synchronization of linear multi-agent systems under directed switching topologies: An invariance approach. 2013,	
985	Modeling and Decentralized Control for the Multiple UAVs Formation based on Lyapunov design and redesign. 2013, 46, 337-344	6
984	Decentralized state feedback consensus of linear multi-agent systems with input saturation. 2013, 46, 57-61	1
983	Synchronization of Heterogeneous Leader-Follower Multi-Agent System with External Disturbances. 2013, 46, 397-403	
982	Hierarchical decomposition based distributed adaptive control for output consensus tracking of uncertain nonlinear systems. 2013,	4
981	Distributed leader-following finite-time consensus control for linear multiagent systems under switching topology. 2014, 2014, 248041	1
980	Distributed cooperative regulation for multiagent systems and its applications to power systems: a survey. 2014, 2014, 139028	8
979	Adaptive Leader-Following Consensus of Multi-Agent Systems with Unknown Nonlinear Dynamics. 2014, 16, 5020-5031	13
978	Distributed finite-time tracking control of high-order multi-agent systems with delay-dependent communications. 2014,	1
977	Leaderless and leader-following consensus of linear multi-agent systems. 2014, 23, 110205	
976	Distributed observer-based consensus tracking of multi-agent systems with a reference leader. 2014,	2
975	Synchronised tracking control for multiple strict-feedback non-linear systems under switching network. 2014, 8, 546-553	12
974	Network-based leader-following consensus of multi-agent systems with variable topological structures and nonlinear dynamics. 2014,	0
973	Consensus based bisection approach for economic power dispatch. 2014,	10
972	Third-order leader-following consensus with circumstance noise under impulsive and switching control. 2014, 25, 1450026	1

971	Distributed adaptive coordinated tracking for coupled non-holonomic mobile robots. 2014 , 8, 2336-2345	7
970	Distributed containment control of second-order multi-agent systems with inherent non-linear dynamics. 2014 , 8, 277-287	53
969	Almost Sure Consensus of Multi-agent Systems over Deterministic Switching Agent Dynamics and Stochastic Topology Jumps. 2014 , 428-438	1
968	Consensus of a leader-following multi-agent system with negative weights and noises. 2014 , 8, 114-119	21
967	Pinning consensus for multi-agent systems with non-linear dynamics and time-varying delay under directed switching topology. 2014 , 8, 1931-1939	13
966	Consensus of Multiagent Systems with Packet Losses and Communication Delays Using a Novel Control Protocol. 2014 , 2014, 1-13	1
965	Hybrid Structure Based Tracking and Consensus for Multiple Motors. 2014 , 2014, 1-9	2
964	Time-varying formation control for high-order linear swarm systems with switching interaction topologies. 2014 , 8, 2162-2170	47
963	Containment control for multi-agent systems via impulsive algorithms without velocity measurements. 2014 , 8, 2033-2044	18
962	Consensus of Discrete Multiagent System with Various Time Delays and Environmental Disturbances. 2014 , 16, 6524-6538	5
961	Leader-following coordination problem with an uncertain leader in a multi-agent system. 2014 , 8, 773-781	15
960	Multi-agent Linear Dynamical Systems, Analyzing the Consensus Problem. 2014 ,	
959	Leader-following consensus of multi-agent systems over finite fields. 2014 ,	11
958	A Single-Leader Servo Approach to Multi-Agent Consensus Problems. 2014 ,	
957	Observer-based synchronization control of networked multi-agent systems with communication delays and data loss. 2014 ,	1
956	Decentralized event-triggered control for leader-follower consensus. 2014 ,	10
955	Optimal control of first-order multi-agent systems with leaders. 2014 ,	
954	Stability and performance of networked control of quadcopters formation flight. 2014 ,	3

953	Formation-containment control for high-order linear time-invariant multi-agent systems. 2014,		2
952	Optimal leader selection for fast consensus via consensus centrality. 2014,		1
951	Admissible consensus for descriptor multi-agent systems with switching topologies. 2014,		0
950	Robust distributed consensus tracking for stochastic linear multi-agent systems under directed switching topologies. 2014,		1
949	Consensus control of nonlinear leader-follower multi-agent systems with actuating disturbances. <i>Systems and Control Letters</i> , 2014 , 73, 58-66	2.4	36
948	Group consensus control for double-integrator dynamic multiagent systems with fixed communication topology. 2014 , 24, 532-547		84
947	Leader-following consensus for second-order multi-agent systems with directed switching topologies. 2014,		3
946	Cooperative robust output regulation of a class of heterogeneous linear uncertain multi-agent systems. 2014 , 24, 2819-2839		51
945	Leader-following control of second-order integrator systems using binary information. 2014,		1
944	Consensus analysis of a class of second-order multi-agent systems with nonuniform time-delays and dynamically changing topologies. 2014,		
943	Observer-based consensus tracking for nonlinear multi-agent systems with intermittent communication. 2014,		
942	Target searching and trapping for swarm robots with modified bacterial foraging optimization algorithm. 2014,		1
941	Impulsive Consensus Tracking of Multiagent Systems with Quantization and Input Delays Using Position-Only Information. 2014 , 2014, 1-10		2
940	Leader-following consensus of fractional-order multi-agent systems with general linear models. 2014,		3
939	Adaptive fuzzy iterative learning control with initial-state learning for coordination control of leader-following multi-agent systems. 2014 , 248, 122-137		46
938	Distributed adaptive controller for the output-synchronization of networked systems in semi-strict feedback form. 2014 , 351, 412-428		31
937	Admissible consensus analysis for high-order linear singular swarm systems with multiple time-varying delays and topology variances. 2014 , 24, 3331-3344		2
936	Cluster synchronization of a class of multi-agent systems with a bipartite graph topology. 2014 , 57, 1-11		17

935	Distributed robust consensus control of multi-agent systems with heterogeneous matching uncertainties. 2014 , 50, 883-889	172
934	Leader-following consensus of non-linear multi-agent systems with jointly connected topology. 2014 , 8, 432-440	75
933	Bipartite flocking for multi-agent systems. 2014 , 19, 3313-3322	52
932	Randomly changing leader-following consensus control for Markovian switching multi-agent systems with interval time-varying delays. 2014 , 12, 117-131	31
931	consensus performance for discrete-time multi-agent systems with communication delay and multiple disturbances. 2014 , 138, 199-208	18
930	Distributed adaptive control for consensus tracking with application to formation control of nonholonomic mobile robots. 2014 , 50, 1254-1263	274
929	On Discrete-Time Convergence for General Linear Multi-Agent Systems Under Dynamic Topology. 2014 , 59, 1054-1059	83
928	Consensus for multiple heterogeneous Euler-Lagrange systems with time-delay and jointly connected topologies. 2014 , 351, 3351-3363	16
927	. 2014 , 30, 524-531	17
926	Formation-containment control for unmanned aerial vehicle swarm system. 2014 ,	5
925	Cooperative output synchronization of networked nonlinear output-feedback systems. 2014 ,	
924	Finite-time coordinated tracking for high-order uncertain nonlinear multi-agent systems with directed communication graphs. 2014 ,	3
923	Leader-follower synchronisation of autonomous agents with external disturbances. 2014 , 87, 1914-1925	13
922	Pairwise synchronization of multi-agent systems with nonuniform information exchange. <i>Systems and Control Letters</i> , 2014 , 74, 58-63	2.4 4
921	Leader-following consensus of multi-agent systems with jointly connected topology using distributed adaptive protocols. 2014 , 351, 5399-5410	41
920	Output swarm stability for high-order linear swarm systems. 2014 ,	
919	Distributed adaptive coordinated tracking for coupled nonholonomic mobile robots. 2014 ,	1
918	Leader-following consensus of multiple uncertain Euler-Lagrange systems under switching network topology. 2014 , 43, 294-304	62

917	Output containment control for swarm systems with general linear dynamics: A dynamic output feedback approach. <i>Systems and Control Letters</i> , 2014 , 71, 31-37	2.4	32
916	Semi-global leader-following consensus of nonlinear multi-agent systems with actuating disturbances. 2014 ,		2
915	Distributed finite-time containment control for double-integrator multiagent systems. 2014 , 44, 1518-28		247
914	Decentralized adaptive consensus of multi-agent in networks with switching topologies. 2014 ,		2
913	A new tracking control method for synchronization of spacecraft formation with switching topologies. 2014 ,		0
912	Network-based consensus of nonlinear multi-agent systems with Markovian switching topologies. 2014 ,		3
911	Decentralized adaptive consensus in multi-agent networks with jointly connected topologies. 2014 ,		
910	Exponential consensus of general linear multi-agent systems under directed dynamic topology. 2014 , 50, 2327-2333		38
909	Second-order leader-following consensus based on time and event hybrid-driven control. <i>Systems and Control Letters</i> , 2014 , 74, 90-97	2.4	20
908	Adaptive coordinated tracking of multi-agent systems with quantized information. <i>Systems and Control Letters</i> , 2014 , 74, 115-125	2.4	21
907	An adaptive critic-based scheme for consensus control of nonlinear multi-agent systems. 2014 , 87, 2463-2474		7
906	Robust consensus control for multiple robotic manipulators. 2014 ,		2
905	Consensus of nonlinear multi-agent systems with observer-based protocols. <i>Systems and Control Letters</i> , 2014 , 72, 71-79	2.4	61
904	Coordination for Linear Multiagent Systems With Dynamic Interaction Topology in the Leader-Following Framework. 2014 , 61, 2412-2422		137
903	Consensus of leader-following multi-agent systems in time-varying networks via intermittent control. 2014 , 12, 969-976		30
902	Controller design for consensus of non-uniform rank systems with switching topology and relative output measurements. 2014 , 12, 777-785		1
901	Adaptive consensus tracking of high-order nonlinear multi-agent systems with directed communication graphs. 2014 , 12, 919-929		17
900	Consensus Tracking Algorithm Via Observer-Based Distributed Output Feedback for Multi-Agent Systems Under Switching Topology. 2014 , 33, 3037-3052		17

899	Distributed containment control of linear multi-agent systems. 2014 , 133, 399-403		40
898	Guaranteed-Cost Consensus for Singular Multi-Agent Systems With Switching Topologies. 2014 , 61, 1531-1542	74	
897	Consensus of leader-followers system of multi-missile with time-delays and switching topologies. 2014 , 125, 1202-1208		38
896	Consensus control design for multi-agent systems using relative output feedback. 2014 , 27, 237-251		6
895	Second-Order Consensus of Leader-Following Multi-Agent Systems with Jointly Connected Topologies and Time-Varying Delays. 2014 , 39, 1431-1440		5
894	H _∞ Dynamic Output Feedback Consensus Control for Discrete-Time Multi-Agent Systems with Switching Topology. 2014 , 39, 1477-1487		11
893	Distributed neural network control for adaptive synchronization of uncertain dynamical multiagent systems. 2014 , 25, 1508-19		176
892	Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. 2014 , 61, 2842-2850		206
891	Cooperative control of multiple heterogeneous agents with unknown high-frequency-gain signs. <i>Systems and Control Letters</i> , 2014 , 68, 51-56	2.4	60
890	Synchronization of identical linear dynamic systems subject to input saturation. <i>Systems and Control Letters</i> , 2014 , 64, 107-113	2.4	39
889	A framework of neural networks based consensus control for multiple robotic manipulators. 2014 , 140, 8-18		90
888	Distributed adaptive consensus for multiple mechanical systems with switching topologies and time-varying delay. <i>Systems and Control Letters</i> , 2014 , 64, 119-126	2.4	43
887	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. 2014 , 129, 494-503		10
886	Leader-following consensus of multi-agent systems under directed communication topology via distributed adaptive nonlinear protocol. <i>Systems and Control Letters</i> , 2014 , 70, 23-29	2.4	47
885	Containment control of multi-agent systems by exploiting the control inputs of neighbors. 2014 , 24, 2803-2818		36
884	Containment analysis and design for high-order linear time-invariant singular swarm systems with time delays. 2014 , 24, 1189-1204		48
883	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. 2014 , 45, 2031-2041		16
882	Optimal Control Nodes Selection for Consensus in Multi-agent Systems. 2014 , 47, 11697-11702		4

881	Focused First-Followers Accelerate Aligning Followers with the Leader in Reaching Network Consensus. 2014 , 47, 10042-10047	5
880	A consensus algorithm for common reference frame estimation in networked multi-agent systems. 2014 ,	3
879	Leader-following coordination of nonlinear agents under time-varying communication topologies. 2014 ,	2
878	Second-order leader-following consensus of nonlinear multi-agent systems via adaptive pinning control. 2014 ,	2
877	Adaptive tracking control of leader-following multi-agent systems. 2015 ,	
876	. 2015 ,	
875	Distributed adaptive containment for linear multi-agent systems using output information. 2015 ,	1
874	Distributed H _∞ control of multi-agent systems with directed networks. 2015 , 24, 090208	1
873	Optimal design for consensus of second order multi-agent systems with damping term. 2015 ,	
872	Leader-follower formation saturated control for multiple quadrotors with switching topology. 2015 ,	5
871	Formation-containment analysis and design for high-order linear time-invariant swarm systems. 2015 , 25, 3439-3456	78
870	Distributed admissible consensus control for singular swarm systems with switching topologies. 2015 , 25, 2816-2828	4
869	Output containment analysis and design for high-order linear time-invariant swarm systems. 2015 , 25, 900-913	14
868	Algorithm for Identifying Minimum Driver Nodes Based on Structural Controllability. 2015 , 2015, 1-9	5
867	Distributed Node-to-Node Consensus of Multiagent Systems with Delayed Nonlinear Dynamics and Intermittent Communications. 2015 , 2015, 1-10	
866	Almost decouplability of any directed weighted network topology. 2015 , 436, 637-645	9
865	Self-organized swarm robot for target search and trapping inspired by bacterial chemotaxis. 2015 , 72, 83-92	39
864	Distributed leader-follower formation control for multiple quadrotors with weighted topology. 2015 ,	13

863	Accelerated consensus of discrete-time multi-agent systems under switching topologies. 2015,	
862	Dynamic leader-follower algorithms in mobile multi-agent networks. 2015,	1
861	Leader-following bipartite consensus of high-order multi-agent systems on signed networks. 2015,	
860	Leader-following consensus of linear multi-agent systems by distributed event-triggered control. 2015,	1
859	Leader-following consensus for multi-agent systems with switching topologies and time-varying delays: A switched system perspective. 2015,	1
858	Passification based signal-parametric adaptive controller for agents in formation**The work was performed in the IPME RAS, supported by RSF (grant 14-29-00142).. 2015, 48, 222-226	7
857	Leader-Following Coordination of Nonlinear Agents Under Time-Varying Communication Topologies. 2015, 2, 393-405	22
856	Consensus protocol in discrete-time based on network topology. 2015,	
855	Consensus of heterogeneous multi-agent systems with switching topologies using input-output feedback linearization. 2015,	
854	Adaptive consensus of high-order multi-agent systems with directed switching topologies. 2015,	0
853	Consensus of output-coupled high-order linear multi-agent systems under deterministic and Markovian switching networks. 2015, 46, 1790-1799	21
852	Consensus of heterogeneous multi-agent systems with switching jointly-connected interconnection. 2015, 427, 132-140	34
851	. 2015, 16, 102-112	245
850	Collective Behavior for Group of Generic Linear Agents Interacting Under Arbitrary Network Topology. 2015, 2, 288-297	23
849	Collective behavior of mobile agents with state-dependent interactions. 2015, 51, 394-401	14
848	LeaderFollower guaranteed-cost consensualization for high-order linear swarm systems with switching topologies. 2015, 352, 1343-1363	12
847	Cooperative containment of discrete-time linear multi-agent systems. 2015, 25, 1007-1018	39
846	Human Interactive Patterns in Temporal Networks. 2015, 45, 214-222	43

845	Bounded consensus tracking for sampled-data second-order multi-agent systems with fixed and Markovian switching topology. 2015 , 25, 252-268		26
844	Event-Triggering Sampling Based Leader-Following Consensus in Second-Order Multi-Agent Systems. 2015 , 60, 1998-2003		382
843	Stable-protocol admissible synchronizability for high-order singular complex networks with switching topologies. 2015 , 307, 1-17		14
842	Observer-based consensus tracking for second-order leader-following nonlinear multi-agent systems with adaptive coupling parameter design. 2015 , 156, 297-305		28
841	Exponential synchronization of complex networks of linear systems and nonlinear oscillators: a unified analysis. 2015 , 26, 510-21		138
840	Leader-following consensus of multi-agent systems via sampled-data control with randomly missing data. 2015 , 161, 132-147		26
839	Leader-following consensus for networked multi-teleoperator systems via stochastic sampled-data control. 2015 , 164, 272-280		16
838	Impulsive observer-based consensus control for multi-agent systems with time delay. 2015 , 88, 1789-1804		20
837	Cooperative output feedback tracking control for multi-agent consensus with time-varying delays and switching topology. 2015 , 37, 550-559		7
836	Bipartite coordination problems on networks of multiple mobile agents. 2015 , 352, 4698-4720		8
835	Leader-follower consensus of linear multi-agent systems with unknown external disturbances. <i>Systems and Control Letters</i> , 2015 , 82, 64-70	2.4	101
834	Adaptive control for cooperative linear output regulation of heterogeneous multi-agent systems with periodic switching topology. 2015 , 9, 34-41		23
833	Cooperative Learning in Multiagent Systems from Intermittent Measurements. 2015 , 53, 1-29		9
832	Distributed reduced-order observer-based approach to consensus problems for linear multi-agent systems. 2015 , 9, 784-792		36
831	Coordinated output regulation of heterogeneous linear systems under switching topologies. 2015 , 53, 362-368		59
830	A new analysis on leader-following consensus for switched multi-agent systems with time-varying probabilistic self-delays. 2015 , 13, 611-619		14
829	Cooperative robust output regulation for heterogeneous second-order discrete-time multi-agent systems. 2015 , 162, 41-47		14
828	. 2015 , 12, 827-834		141

827	Consensus positive position feedback control for vibration attenuation of smart structures. 2015 , 24, 045016	10
826	Consensus of Euler-Lagrange systems networked by sampled-data information with probabilistic time delays. 2015 , 45, 1126-33	50
825	Leader-following discrete consensus control of multi-agent systems with fixed and switching topologies. 2015 , 352, 2504-2525	19
824	Distributed observer-based consensus protocol for descriptor multi-agent systems. 2015 , 229, 927-938	2
823	Complex agent networks: An emerging approach for modeling complex systems. 2015 , 37, 311-321	15
822	Area coverage searching for swarm robots using dynamic Voronoi-based method. 2015 ,	7
821	Containment control of linear multi-agent systems with directed graphs and multiple leaders of time-varying bounded inputs. 2015 , 9, 2466-2473	5
820	Robust output synchronisation of non-identical linear agents via internal model principle. 2015 , 9, 1755-1765	25
819	Containment control of general multi-agent systems with directed random switching topology. 2015 , 352, 4067-4080	16
818	Output Consensus of Heterogeneous Linear Discrete-Time Multiagent Systems With Structural Uncertainties. 2015 , 45, 2868-79	75
817	Adaptive event-triggered consensus control for multi-agent systems subject to input saturation. 2015 ,	1
816	Consensus algorithm with input constraints for swarm robots formation control. 2015 ,	2
815	Robust cooperative control of multiple heterogeneous Negative-Imaginary systems. 2015 , 61, 64-72	40
814	Leader-following consensus of general linear multi-agent systems: Event-triggered schemes. 2015 ,	
813	Observer-based adaptive consensus tracking for linear multi-agent systems with input saturation. 2015 , 9, 2124-2131	42
812	Distributed consensus protocol for leader-following multi-agent systems with functional observers. 2015 , 352, 5173-5190	21
811	Decentralized event-triggered control of networked systems-part 1: Leader-follower consensus under switching topologies. 2015 ,	8
810	Couple-group consensus of continuous-time multi-agent systems under Markovian switching topologies. 2015 , 352, 4826-4844	44

809	Distributed synchronization for heterogeneous robots with uncertain kinematics and dynamics under switching topologies. 2015 , 352, 3808-3826	20
808	Adaptive NN consensus tracking control of a class of nonlinear multi-agent systems. 2015 , 151, 288-295	27
807	LQR-based optimal topology of leader-following consensus. 2015 , 25, 3404-3421	64
806	Sampled-data leader-following consensus for nonlinear multi-agent systems with Markovian switching topologies and communication delay. 2015 , 352, 369-383	82
805	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. 2015 , 149, 132-141	40
804	Leader-following consensus of linear multi-agent systems with randomly occurring nonlinearities and uncertainties and stochastic disturbances. 2015 , 149, 884-890	38
803	Consensus protocol design for discrete-time networks of multiagent with time-varying delay via logarithmic quantizer. 2015 , 21, 163-176	11
802	Formation control of impulsive networked autonomous underwater vehicles under fixed and switching topologies. 2015 , 147, 291-298	36
801	Robust consensus tracking control for multiagent systems with initial state shifts, disturbances, and switching topologies. 2015 , 26, 809-24	72
800	Leader-following consensus of fractional-order multi-agent systems under fixed topology. 2015 , 149, 613-620	88
799	A Novel Finite-Time Stability Criterion for Linear Discrete-Time Stochastic System with Applications to Consensus of Multi-Agent System. 2015 , 34, 41-59	15
798	Robust Integral Sliding-Mode Consensus Tracking for Multi-Agent Systems with Time-Varying Delay. 2016 , 18, 224-235	24
797	Distributed Attitude Consensus for Multiple Rigid Spacecraft under Jointly Connected Switching Topologies. 2016 , 2016, 1-9	2
796	Certainty Equivalence, Separation Principle, and Cooperative Output Regulation of Multiagent Systems by the Distributed Observer Approach. 2016 , 421-449	12
795	Distributed Consensus of Nonlinear Multi-Agent Systems on State-Controlled Switching Topologies. 2016 , 18, 29	4
794	Consensus of Second Order Multi-Agent Systems with Exogenous Disturbance Generated by Unknown Exosystems. 2016 , 18, 423	4
793	Robust cooperative tracking of multiple p-order power integrators. 2016 ,	
792	Uniform synchronization in multi-agent systems with switching topologies. 2016 , 26, 1888-1901	5

791	Time-varying output formation control for linear multi-agent systems with switching topologies. 2016 , 26, 3558-3579	21
790	Semi-global output consensus of a group of linear systems in the presence of external disturbances and actuator saturation: An output regulation approach. 2016 , 26, 1353-1375	25
789	Full information estimator for output regulation based on internal model principle. 2016 ,	
788	Cooperative formation control algorithm of a generic multi-agent system applicable for multi-autonomous surface vehicles. 2016 ,	3
787	Leader-following consensus for uncertain second-order nonlinear multi-agent systems. 2016 , 14, 279-286	9
786	Consensus of linear multi-agent systems with communication delays under dynamic networks. 2016 ,	
785	Distributed neuro-adaptive control of multi-agent systems and its application in micro-grids. 2016 ,	1
784	Bipartite consensus for multiple two-time scales agents over the signed digraph. 2016 ,	1
783	Distributed power sharing control of grid-connected AC microgrid. 2016 ,	3
782	Leader-following control of multi-motor systems based on the consistency theory under the network environment. 2016 ,	1
781	Research on the Transformation of Control Protocols among Three Kinds of Cooperative Control for Multi-agent Systems. 2016 ,	2
780	Two-player zero-sum games for leader-follower consensus of linear multi-agent systems with unknown dynamics. 2016 ,	0
779	Consensus of heterogeneous multi-agent systems with delayed and intermittent communications. 2016 ,	
778	A rectangular impulsive protocol for consensus of multi-agent networks with time-varying sampling and action intervals. 2016 ,	
777	Further properties of second-order multi-agent flocking under Olfati-Saber's algorithms. 2016 ,	1
776	Admissible consensualization of heterogeneous singular multi-agent systems. 2016 ,	
775	Distributed decoupling of linear multiagent systems with interconnected nonlinear uncertainties. 2016 ,	9
774	Distributed Adaptive Formation Control for Linear Swarm Systems With Time-Varying Formation and Switching Topologies. 2016 , 4, 8995-9004	25

773	Adaptive control for leader-following consensus problem. 2016,		
772	Robust Consensus Control for Leader-Following Multi-agent System under Switching Topologies. 2016,		1
771	Fixed-time coordinated tracking for second-order multi-agent systems with bounded input uncertainties. <i>Systems and Control Letters</i> , 2016 , 93, 1-12	2.4	147
770	Output formation-containment analysis and design for general linear time-invariant multi-agent systems. 2016 , 353, 322-344		34
769	Attitude tracking control for spacecraft formation with time-varying delays and switching topology. 2016 , 126, 98-108		28
768	Observer-based leader-following tracking control under both fixed and switching topologies. 2016 , 14, 28-38		1
767	Adaptive Group Consensus of Multi-Agent Networks via Pinning Control. 2016 , 30, 1659014		1
766	Consensus tracking in heterogeneous nonlinear multi-agent networks with asynchronous sampled-data communication. <i>Systems and Control Letters</i> , 2016 , 96, 151-157	2.4	44
765	Adaptive Coding For Data Exchange Between Quadrotors In The Formation**The work was performed in the IPME RAS and supported by the Russian Science Foundation (grant 14-29-00142).. 2016 , 49, 275-280		1
764	Stochastic averaging approach to leader-following consensus of linear multi-agent systems. 2016 , 353, 2650-2669		12
763	Cooperative output regulation for networked multi-agent systems based on the self-tuning adaptive distributed observer. 2016 ,		1
762	State consensus for homogeneous multi-agent systems over time-varying undirected graph. 2016 ,		1
761	Dynamic Trust Management Framework for Robotic Multi-Agent Systems. 2016 , 339-348		2
760	Event-triggered group consensus of leader-following multi-agent systems with nonlinear dynamics. 2016 ,		2
759	Finite-time consensus of a leader-following multi-agent network with non-identical nonlinear dynamics and time-varying topologies. 2016 , 21, 438-444		1
758	Cooperative Containment Control of Multiagent Systems Based on Follower Observers With Time Delay. 2016 , 1-11		47
757	Distributed adaptive consensus output tracking of unknown linear systems with external disturbances. 2016 ,		1
756	Distributed adaptive consensus tracking of unknown heterogenous linear systems via output feedback. 2016 ,		2

755	Fault-tolerant consensus of leader-follower multi-agent systems. 2016,	0
754	Distributed H _∞ consensus tracking control for multi-agent networks with switching directed topologies. 2016, 207, 693-699	19
753	Consensus analysis of switching multi-agent systems with fixed topology and time-delay. 2016, 463, 437-444	6
752	Robust consensus tracking of heterogeneous multi-agent systems under switching topologies. 2016, 29, 1226-1237	3
751	Group consensus tracking control of second-order multi-agent systems with directed fixed topology. 2016, 218, 286-295	31
750	Structured Lyapunov functions for synchronization of identical affine-in-control agents Unified approach. 2016, 353, 3457-3486	9
749	Consensus of second-order multi-agent systems using partial agents velocity measurements. 2016, 86, 1927-1935	9
748	Adaptive stationary consensus protocol for a class of high-order nonlinear multiagent systems with jointly connected topologies. 2016, 27, 1677	5
747	Equilibrium topology of multi-agent systems with two leaders: A zero-sum game perspective. 2016, 73, 200-206	25
746	Distributed H _∞ node-to-node consensus via aperiodic sampled-data pinning control. 2016,	
745	Distributed adaptive formation tracking for a class of networked nonlinear systems. 2016,	
744	Multi-coordination of coupled nonidentical agents with partial impulsive control and application to human-robot interactions. 2016,	1
743	Optimal design of consensus for autonomous underwater vehicles with damping term using a directed spanning tree. 2016,	2
742	Consensus of multi-agent systems under switching agent dynamics and jumping network topologies. 2016, 13, 438-446	3
741	Leader-following state consensus for homogeneous multi-agent systems over time-varying feedback graphs. 2016,	1
740	Distributed leaderless and leader-follower consensus of linear multiagent systems under persistent disturbances. 2016,	4
739	Distributed consensus tracking control for multiple simple-pendulum network systems. 2016,	5
738	Time-varying formation control for multi-agent systems with double-integrator dynamics and jointly connected topologies. 2016,	

737	Semi-global and global containment control of multi-agent systems with second-order dynamics and input saturation. 2016 , 26, 3460-3480	37
736	Cooperative guaranteed cost fault-tolerant control for multi-agent systems with time-varying actuator faults. 2016 , 214, 382-390	37
735	Time-varying formation control for second-order swarm systems with switching directed topologies. 2016 , 369, 1-13	32
734	Asynchronous consensus of continuous-time Lagrangian systems with switching topology and non-uniform time delay. 2016 , 83, 106-114	9
733	Simulation Tools and Application Example of the DEBC: Networked Mobile Robots. 2016 , 145-176	
732	Distributed impulsive containment control for second-order multi-agent systems with multiple leaders. 2016 , 22, 2458-2470	6
731	Distributed L2-gain output-feedback control of homogeneous and heterogeneous systems. 2016 , 71, 361-368	52
730	Observer-Based Consensus Tracking for Nonlinear Multi-Agent Systems With Intermittent Communications. 2016 , 18, 1513-1523	7
729	Output Consensus of Heterogeneous Linear Multi-agent Systems Subject to Different Disturbances. 2016 , 18, 757-762	4
728	Leader-following control of multiple nonholonomic systems over directed communication graphs. 2016 , 47, 1877-1890	16
727	Robust H _∞ containment control for uncertain multi-agent systems with inherent nonlinear dynamics. 2016 , 47, 1073-1083	22
726	Containment control of multi-agent systems with unbounded communication delays. 2016 , 47, 2048-2057	25
725	Coordination of multi-agent systems under switching topologies via disturbance observer-based approach. 2016 , 47, 3900-3907	8
724	Finite-time adaptive consensus of a class of multi-agent systems. 2016 , 59, 22-32	56
723	Leader-Following Consensus of Discrete-Time Multiagent Systems With Encoding/Decoding. 2016 , 63, 401-405	40
722	Tracking task-space synchronization of networked Lagrangian systems with switching topology. 2016 , 83, 1673-1685	10
721	Cooperation of Multiagent Systems With Mismatch Parameters: A Viewpoint of Power Systems. 2016 , 63, 693-697	9
720	consensus control of multi-agent systems with input delay and directed topology. 2016 , 10, 617-624	34

719	Adaptive finite-time fault-tolerant consensus protocols for multiple mechanical systems. 2016 , 353, 1386-1408	37
718	Consensus networks with switching topology and time-delays over finite fields. 2016 , 68, 39-43	33
717	Cooperative control of linear multi-agent systems via distributed output regulation and transient synchronization. 2016 , 68, 132-139	64
716	Asynchronous impulsive containment control in switched multi-agent systems. 2016 , 370-371, 667-679	40
715	Observer-based finite-time coordinated tracking for general linear multi-agent systems. 2016 , 66, 231-237	34
714	Neural-network-based containment control of nonlinear multi-agent systems under communication constraints. 2016 , 36, 179-185	8
713	Consensus for general multi-agent networks with external disturbances. 2016 , 198, 100-108	4
712	Time-varying formation control for double-integrator multi-agent systems with jointly connected topologies. 2016 , 47, 3829-3838	17
711	Leader-following consensus for multi-agent systems subject to actuator saturation with switching topologies and time-varying delays. 2016 , 10, 144-150	34
710	Leader-follower consensus control of Lipschitz nonlinear systems by output feedback. 2016 , 47, 3772-3781	10
709	Observer-based consensus tracking of multi-agent systems with one-sided Lipschitz nonlinearity. 2016 , 353, 1594-1614	38
708	Adaptive consensus tracking for linear multi-agent systems with input saturation. 2016 , 38, 1434-1441	15
707	Robust cooperative output tracking of networked high-order power integrators systems. 2016 , 89, 270-280	8
706	Consensus Control of Swarm Systems. 2016 , 33-51	1
705	Formation-Containment Control of Swarm Systems. 2016 , 133-164	1
704	Adaptive tracking control of leader-following linear multi-agent systems with external disturbances. 2016 , 47, 3167-3179	9
703	Containment control of discrete-time general linear multi-agent systems under dynamic digraph based on trajectory analysis. 2016 , 171, 1655-1660	16
702	Distributed adaptive consensus tracking for a class of multi-agent systems via output feedback approach under switching topologies. 2016 , 174, 1125-1132	23

701	Time-varying formation control for unmanned aerial vehicles with switching interaction topologies. 2016 , 46, 26-36	204
700	Containment Control of Swarm Systems. 2016 , 105-131	
699	Adaptive periodic event-triggered consensus for multi-agent systems subject to input saturation. 2016 , 89, 653-667	77
698	. 2016 , 3, 334-347	138
697	Containment analysis and design for general linear multi-agent systems with time-varying delays. 2016 , 173, 2062-2068	25
696	Introduction. 2016 , 1-24	
695	Consensus with a reference state for fractional-order multi-agent systems. 2016 , 47, 222-234	35
694	Intermittent observer-based consensus control for multi-agent systems with switching topologies. 2016 , 47, 1891-1904	6
693	Leader-following consensus of nonlinear multi-agent systems with switching topologies and unreliable communications. 2016 , 27, 909-915	17
692	Reaching a consensus in networks of high-order integral agents under switching directed topologies. 2016 , 47, 1966-1981	53
691	Event-Triggered Schemes on Leader-Following Consensus of General Linear Multiagent Systems Under Different Topologies. 2017 , 47, 212-223	212
690	Cooperative Output Regulation of Heterogeneous Linear Multi-Agent Systems by Event-Triggered Control. 2017 , 47, 105-116	111
689	Maximizing Algebraic Connectivity in the Space of Graphs With a Fixed Number of Vertices and Edges. 2017 , 4, 359-368	20
688	Interval fuzzy sliding-mode formation controller design. 2017 , 21, 4045-4054	1
687	A necessary and sufficient condition for the controllability of single-leader multi-chain systems. 2017 , 27, 156-168	17
686	Observer-Based Consensus Tracking of Nonlinear Agents in Hybrid Varying Directed Topology. 2017 , 47, 2212-2222	96
685	Distributed adaptive consensus control for multi-agent systems with Lipschitz nonlinear dynamics. 2017 , 39, 1864-1876	8
684	Sampled-data consensus of general linear multi-agent systems under switching topologies: averaging method. 2017 , 90, 275-288	5

683	Distributed adaptive control for time-varying formation tracking of a class of networked nonlinear systems. 2017 , 90, 1319-1326		27
682	Global Cooperative Control Framework for Multiagent Systems Subject to Actuator Saturation With Industrial Applications. 2017 , 47, 1270-1283		85
681	Robustness Analysis and Controller Synthesis of Homogeneous Vehicular Platoons With Bounded Parameter Uncertainty. 2017 , 22, 1014-1025		42
680	Output Feedback Practical Coordinated Tracking of Uncertain Heterogeneous Multi-Agent Systems Under Switching Network Topology. 2017 , 62, 6399-6406		23
679	Distributed Tracking Control of an Interconnected Leader-Follower Multiagent System. 2017 , 62, 3494-3501		20
678	Consensus Problem in High-Order Multiagent Systems With Lipschitz Nonlinearities and Jointly Connected Topologies. 2017 , 47, 741-748		44
677	Distributed Sliding-Mode Formation Controller Design for Multirobot Dynamic Systems. 2017 , 139,		2
676	Consensus of linear multi-agent systems subject to communication delays and switching networks. 2017 , 27, 1379		10
675	A flocking algorithm with individual agent destinations and without a centralized leader. <i>Systems and Control Letters</i> , 2017 , 102, 57-67	2.4	13
674	Leader-following consensus for discrete-time multi-agent systems with parameter uncertainties based on the event-triggered strategy. 2017 , 30, 30-45		21
673	Distributed tracking control of uncertain mechanical systems with velocity constraints. 2017 , 27, 3990		7
672	Adaptive Leader-Following Consensus for Uncertain Nonlinear Multi-Agent Systems. 2017 , 19, 1189-1196		10
671	A Packet Loss Tolerant Rendezvous Algorithm for Wireless Networked Robot Systems. 2017 , 19, 1413-1423		6
670	Adaptive leader-following consensus for a class of higher-order nonlinear multi-agent systems with directed switching networks. 2017 , 79, 84-92		87
669	Bipartite containment tracking of signed networks. 2017 , 79, 282-289		95
668	Event-Triggered Control of Multiagent Systems for Fixed and Time-Varying Network Topologies. 2017 , 62, 5365-5371		124
667	Semi-global cooperative output regulation of a class of nonlinear uncertain multi-agent systems under switching networks. 2017 , 27, 5061-5081		6
666	Containment control of leader-following multi-agent systems with jointly-connected topologies and time-varying delays. 2017 , 260, 341-348		35

665	Fixed-Time Leader-Following Consensus for Second-Order Multiagent Systems With Input Delay. 2017 , 64, 8635-8646		157
664	Distributed control for multi-target circumnavigation by a group of agents. 2017 , 48, 2565-2574		4
663	Distributed finite-time cooperative control of droop-controlled microgrids under switching topology. 2017 , 11, 707-714		39
662	Cooperative Global Robust Output Regulation for Nonlinear Output Feedback Multiagent Systems Under Directed Switching Networks. 2017 , 62, 6339-6352		19
661	Event-triggered consensus of nonlinear multi-agent systems with stochastic switching topology. 2017 , 354, 5350-5373		22
660	Analysis and applications of spectral properties of grounded Laplacian matrices for directed networks. 2017 , 80, 10-16		22
659	Leader-following consensus of parameter-dependent networks via distributed gain-scheduling control. 2017 , 48, 2013-2022		6
658	Cooperative Stabilization of a Class of LTI Plants With Distributed Observers. 2017 , 64, 1891-1902		18
657	Leader-following consensus of nonlinear discrete-time multi-agent systems with limited communication channel capacity. 2017 , 354, 4179-4195		9
656	Containment control of continuous-time multi-agent systems with general linear dynamics under time-varying communication topologies. 2017 , 15, 442-449		13
655	Consensus of multiple Euler-Lagrange systems using one Euler-Lagrange System's velocity measurements. 2017 , 15, 450-456		5
654	Fully distributed containment control of high-order multi-agent systems with nonlinear dynamics. <i>Systems and Control Letters</i> , 2017 , 99, 33-39	2.4	28
653	Adaptive output synchronization of heterogeneous network with an uncertain leader. 2017 , 76, 183-192		108
652	A Descriptor Approach to Robust Leader-Following Output Consensus of Uncertain Multi-Agent Systems With Delay. 2017 , 62, 5310-5317		31
651	Asynchronous containment control for discrete-time second-order multi-agent systems with time-varying delays. 2017 , 354, 8552-8569		40
650	Distributed group cooperative guidance for multiple missiles with fixed and switching directed communication topologies. 2017 , 90, 2507-2523		30
649	Observer-based distributed coordinated tracking control for multiple simple-pendulum network systems with time-varying delays. 2017 , 15, 2516-2525		2
648	Consensus of linear multi-agent systems with exogenous disturbance generated from heterogeneous exosystems. 2017 , 48, 3147-3159		7

647	Partial controllability of a leader-follower dynamic network. 2017,		
646	Robustness of distributive double-integrator consensus to loss of graph connectivity. 2017,		1
645	Distributed adaptive switching consensus control of heterogeneous multi-agent systems with switched leader dynamics. 2017, 26, 274-283		16
644	Coordinated tracking of linear multiagent systems with input saturation and stochastic disturbances. 2017, 71, 3-9		12
643	Generalized output synchronization of heterogeneous linear multi-agent systems. 2017,		
642	Distributed cooperative control of leader-follower multi-agent systems under packet dropouts for quadcopters. <i>Systems and Control Letters</i> , 2017, 106, 47-57	2.4	16
641	Semi-global leader-follower consensus for networked unmanned multi-aircraft systems with input saturation. 2017,		1
640	A survey on the formation control of multiple quadrotors. 2017,		20
639	Mean square consensus of leader-following multi-agent systems with measurement noises and time delays. 2017, 71, 76-83		24
638	Adaptive coordinated tracking control for multi-robot system with directed communication topology. 2017, 14, 172988141774322		1
637	Robust cooperative output regulation of a linear multi-agent system with incomplete exosystem measurement. 2017,		3
636	Distributed cooperative guidance for multiple missiles with fixed and switching communication topologies. 2017, 30, 1570-1581		43
635	Output synchronization of multiple FOSMIB power systems. 2017,		
634	An adaptive control scheme for leader-following consensus of multi-agent systems with parametric uncertainties. 2017,		1
633	Pursuing an evader through cooperative relaying in multi-agent surveillance networks. 2017, 83, 155-161		30
632	Secondary voltage control for microgrids based on fixed-time distributed cooperative control of multi-agent systems. 2017,		5
631	Adaptive consensus algorithms for real-time operation of multi-agent systems affected by switching network events. 2017, 27, 1566-1588		21
630	Robust consensus tracking of linear multiagent systems with input saturation and input-additive uncertainties. 2017, 27, 2393-2409		13

629	Distributed Observer-based Stabilization of Nonlinear Multi-agent Systems with Sampled-data Control. 2017 , 19, 918-928	14
628	The adaptive distributed observer approach to the cooperative output regulation of linear multi-agent systems. 2017 , 75, 299-305	174
627	Adaptive Output Synchronization with Uncertain Leader. 2017 , 203-226	0
626	Robust Output Synchronization via Internal Model Principle. 2017 , 117-138	
625	Robust Output Regulation via (H_{∞}) Approach. 2017 , 179-202	
624	The Cooperative Output Regulation Problem of Discrete-Time Linear Multi-Agent Systems by the Adaptive Distributed Observer. 2017 , 62, 1979-1984	51
623	The Consensus for Discrete-Time Linear Multi-Agent Systems Under Directed Switching Networks. 2017 , 62, 4086-4092	43
622	Consensus analysis of multi-agent systems under switching topologies by a topology-dependent average dwell time approach. 2017 , 11, 429-438	18
621	Time-Varying Formation Tracking for Second-Order Multi-Agent Systems Subjected to Switching Topologies With Application to Quadrotor Formation Flying. 2017 , 64, 5014-5024	339
620	Distributed hierarchical control design of coupled heterogeneous linear systems under switching networks. 2017 , 27, 1242-1259	43
619	Finite-time consensus for multi-agent systems with globally bounded convergence time under directed communication graphs. 2017 , 90, 1807-1817	47
618	Network-Based Practical Consensus of Heterogeneous Nonlinear Multiagent Systems. 2017 , 47, 1841-1851	82
617	Distributed Feedforward Approach to Cooperative Output Regulation Subject to Communication Delays and Switching Networks. 2017 , 62, 1999-2005	34
616	Coordination of heterogeneous nonlinear multi-agent systems with prescribed behaviours. 2017 , 90, 2197-2205	2
615	Consensus in Networks of Agents With Unknown High-Frequency Gain Signs and Switching Topology. 2017 , 62, 3993-3998	35
614	Neural Network-Based Adaptive Leader-Following Consensus Control for a Class of Nonlinear Multiagent State-Delay Systems. 2017 , 47, 2151-2160	207
613	Synchronization Control for Large-Scale Network Systems. 2017 ,	3
612	Synchronization of LSNSs via Static Output Feedback Control. 2017 , 163-178	1

611	Adaptive distributed observer and the cooperative control of multi-agent systems. 2017 , 4, 1-11	19
610	\$H_{\infty}\$ Relay Tracking Control of Multiagent Systems With the Assistance of a Voronoi Diagram. 2017 , 64, 802-806	8
609	Sampled containment control for multi-agent systems with nonlinear dynamics. 2017 , 219, 242-247	10
608	Distributed stabilization of linear multiagent systems with coupled state and input uncertainties. 2017 ,	
607	Mean square containment control of second-order multi-agent systems with jointly-connected topologies. 2017 ,	0
606	Regional leader-following consensus of multi-agent systems with saturating actuators. 2017 ,	1
605	Finite-time distributed error observer design for multi-agent systems with chaotic or hyper-chaotic dynamics. 2017 ,	1
604	Distributed hierarchical cooperative braking control for connected vehicle platoon. 2017 ,	1
603	Synchronized Cell-Balancing Charging of Supercapacitors. 2017 , 50, 3338-3343	6
602	Distributed decoupling of linear multiagent systems with mixed matched and unmatched state-coupled nonlinear uncertainties. 2017 ,	7
601	Cooperative output regulation of discrete-time linear multi-agent systems based on state observer. 2017 ,	
600	Distributed group cooperative guidance for multiple missiles with switching directed communication topologies. 2017 ,	2
599	Matrix-weighted consensus with leader-following topologies. 2017 ,	6
598	Containment control of linear multi-agent systems with stochastic sampled-data. 2017 ,	
597	Output synchronization of heterogeneous linear multi-agent systems. 2017 ,	
596	Consensus of linear multi-agent systems with disturbance generated from heterogeneous nonlinear exosystems. 2017 ,	3
595	Exponential consensus of non-linear multi-agent systems with semi-Markov switching topologies. 2017 , 11, 3363-3371	28
594	Consensus tracking of multi-agent systems with time-delays using adaptive iterative learning control. 2017 ,	1

593	On leader-following consensus under communication failure. 2017,	1
592	Barrier coverage by heterogeneous sensor network with input saturation. 2017,	4
591	Finite-time consensus of heterogeneous multi-agent system with external disturbances. 2017,	3
590	Distributed event triggered control with state dependent threshold for leader following consensus of general linear multi agent systems. 2017,	0
589	Leader-following consensus for a class of fractional-order nonlinear multi-agent systems under fixed and switching topologies. 2017,	0
588	Disturbance rejection for leader-follower tracking of linear multi-agent systems under a directed graph. 2017,	
587	Containment control for discrete-time multi-agent systems with T-S fuzzy model. 2017,	0
586	Leader-following consensus for linear discrete-time multi-agent systems subject to static networks. 2017,	3
585	Distributed coordinated tracking control for multiple nonholonomic systems with directed communication topology. 2017,	
584	Event Triggered Multi-Agent Consensus of DC Motors to Regulate Speed by LQR Scheme. 2017, 22, 14	2
583	Mission control - combined solutions for source seeking and level curve tracking in a time-varying field. 2017,	4
582	Distributed optimal steady-state regulation in linear multi-agent systems. 2017,	
581	Consensus of Heterogeneous Multiagent Systems with Arbitrarily Bounded Communication Delay. 2017, 2017, 1-6	
580	Distributed Robust H _∞ Consensus Control for Uncertain Multiagent Systems with State and Input Delays. 2017, 2017, 1-15	4
579	Consensus of Switched Multiagent Systems under Relative State Constraints. 2017, 2017, 1-7	1
578	Consensus of High-Order Nonlinear Multiagent Systems with Constrained Switching Topologies. 2017, 2017, 1-11	2
577	Consensus of stochastic multi-agent systems with unknown nonlinearities and unknown control coefficients. 2017,	
576	. 2017,	1

575	Steering opinion dynamics via containment control. 2017 , 4, 12	1
574	Admissible tracking and containment consensualization of multi-agent singular systems. 2017 ,	
573	Containment control for general discrete-time second-order multi-agent systems. 2017 ,	1
572	Event-triggered consensus for continuous-time multi-agent systems with parameter uncertainties. 2017 ,	1
571	Distributed event-triggered flocking control of nonlinear multi-agent systems. 2017 ,	
570	Distributed leader-following consensus of a class of nonlinear multi-agent systems. 2017 ,	1
569	Leader-following consensus control for linear multi-agent systems with quantized communication. 2017 ,	
568	Impulsive containment control in networked harmonic oscillators. 2017 ,	
567	Adaptive Consensus Control for Nonlinear Leader-following Multi-agent System Under Switching Topologies. 2017 ,	
566	Event-triggered global leader-following consensus for multi-agent systems with bounded controls. 2017 ,	2
565	Robust consensus control for nonlinear multi-agent systems. 2017 ,	
564	Impulsive pinning control algorithm of stochastic multi-agent systems with unbounded distributed delays. 2018 , 92, 1453-1467	10
563	Interactive Leader-Follower Consensus of Multiple Quadrotors Based on Composite Nonlinear Feedback Control. 2018 , 26, 1732-1743	34
562	Guaranteed-cost consensus for multiagent networks with Lipschitz nonlinear dynamics and switching topologies. 2018 , 28, 2841-2852	83
561	Leader-following consensus of discrete-time fractional-order multi-agent systems. 2018 , 27, 010701	9
560	Fuzzy adaptive leader-following consensus of second-order multiagent systems with imprecise communication topology structure. 2018 , 32, 937-949	4
559	Distributed integral-based event-triggered scheme for cooperative output regulation of switched multi-agent systems. 2018 , 457-458, 208-221	21
558	Leader-Following Consensus of Multi-Agent Systems With Switching Networks and Event-Triggered Control. 2018 , 65, 1696-1706	58

557	Leader-Following Consensus of Multiple Uncertain Euler-Lagrange Systems Subject to Communication Delays and Switching Networks. 2018 , 63, 2604-2611	32
556	Robustness of Leader-Follower Networked Dynamical Systems. 2018 , 5, 1752-1763	19
555	Disturbance observer-based consensus tracking for nonlinear multiagent systems with switching topologies. 2018 , 28, 2144-2160	16
554	Master-slave synchronization for coupled neural networks with Markovian switching topologies and stochastic perturbation. 2018 , 28, 2249-2263	17
553	Cooperative output regulation of multi-agent systems with switched leader dynamics. 2018 , 49, 1463-1477	5
552	Distributed adaptive consensus and synchronization in complex networks of dynamical systems. 2018 , 91, 233-243	26
551	Distributed coordination for a class of non-linear multi-agent systems with regulation constraints. 2018 , 12, 1-9	11
550	Command-filter-based distributed containment control of nonlinear multi-agent systems with actuator failures. 2018 , 91, 1708-1719	22
549	Leader-following consensus for upper-triangular multi-agent systems via sampled and delayed output feedback. 2018 , 275, 1441-1448	5
548	Exponential Consensus for Nonlinear Multi-Agent Systems with Communication and Input Delays via Hybrid Control. 2018 , 20, 1440-1451	3
547	Stochastic leader-following consensus of multi-agent systems with measurement noises and communication time-delays. 2018 , 282, 136-145	15
546	Cooperative Output Regulation of Singular Multi-Agent Systems Under Switching Network by Standard Reduction. 2018 , 65, 1377-1385	31
545	Robust node-to-node consensus of linear multiagent systems with directed switching topologies subject to uncertain pinning communications. 2018 , 28, 1886-1900	8
544	Cooperative Output Regulation of LTI Plant via Distributed Observers With Local Measurement. 2018 , 48, 2181-2191	14
543	Formation control of Multi-agents Based on Method of Matrices. 2018 , 173, 03091	
542	Consensus Speed of Static Pinning Consensus Control of Multi-Agent Systems. 2018 ,	0
541	Semi-parametric Decentralised Adaptive Control of Discrete-time Nonlinear Multi-agent Systems*. 2018 ,	
540	Design of distributed adaptive control for a class of discrete-time multi-agent systems with nonlinearity and uncertainty. 2018 ,	1

- 539 Cooperative Adaptive Control for Consensus of Leader-Following General Linear Multi-Agent Systems in Directed Communication Topology. **2018,**
- 538 Event Triggered Control for Leader Following Consensus of Nonlinear Multi Agent Systems. **2018,**
- 537 On Leaderless and Leader-Following Consensus for Heterogeneous Nonlinear Multiagent Systems via Discontinuous Distributed Control Protocol. **2018,** 2018, 1-10 1
- 536 Consensus of Discrete-time Multi-agent Systems with Decaying Multiplicative Uncertainties. **2018,**
- 535 Distributed leader-follower consensus of nonlinear multi-agent systems with unconsensuable switching topologies and its application to flexible-joint manipulators. **2018,** 6, 200-207 2
- 534 Cooperative Deterministic Learning Control of Multi-Robot Manipulators*. **2018,**
- 533 Cooperative Multi-agent on Head Yaw of Humanoid Robot Using Consensus. **2018,**
- 532 Cooperative Output Regulation of Multi-Agent Systems in a Switching Network with Incomplete Exosystem Measurement. **2018,** 3
- 531 Containment Control of Second-Order Multi-Agent Systems Via Sampled-Data Control. **2018,**
- 530 Optimal Guaranteed Cost Control for Multi-agent Systems with Actuator Faults. **2018,**
- 529 Event-Triggered Consensus of Multi-Agent Systems with Jointly Connected Switching Topologies. **2018,**
- 528 Output-Feedback-Based Event-Triggered Control of Multi-Agent Systems Without Continuous Inter-Agent Communication. **2018,** 1
- 527 Cooperative output regulation of heterogeneous multi-agent systems based on passivity. **2018,** 49, 3418-34308
- 526 High-Gain Observer-Based Distributed Tracking Control of Heterogeneous Nonlinear Multi-Agent Systems. **2018,**
- 525 Containment Control of Heterogeneous Multi-Agent Systems with Time-Delay. **2018,**
- 524 Global Leader-following Control of Multiple Non-holonomic Mobile Robots With Input Saturation. **2018,** 1
- 523 Dual Number-Based Relative Position and Attitude Coordinated Control for Multi-Rigid-Body System. **2018,** 2018, 1-11
- 522 Adaptive control of quadrotors spatial motion in formation with implicit reference model. **2018,** 2

521	Distributed adaptive model-based event-triggered predictive control for consensus of multiagent systems. 2018 , 28, 6180-6201	14
520	A Parametric MPC Approach to Balancing the Cost of Abstraction for Differential-Drive Mobile Robots. 2018 ,	4
519	Leader-following consensus of general fractional-order linear multi-agent systems via event-triggered control. 2018 , 2018, 199-202	1
518	Leader-following fixed-time output feedback consensus for second-order multi-agent systems with input saturation. 2018 , 49, 2873-2887	14
517	Formation Control and Collision Avoidance of Multi-agent System with Switching Communication Topology. 2018 ,	1
516	Distributed Consensus of Semi-Markovian Jumping Multiagent Systems with Mode-Dependent Topologies. 2018 , 2018, 1-7	2
515	Neural Network based Distributed Adaptive Time-varying Formation Control for Multi-UAV Systems with Varying Time Delays. 2018 ,	3
514	Neural Network Based Distributed Consensus Control for Heterogeneous Multi-agent Systems. 2018 ,	2
513	Adaptive leader-following state consensus of multiagent systems with switching topology. 2018 , 32, 1508-1528	10
512	Distributed output feedback stationary consensus of multi-vehicle systems in unknown environments. 2018 , 16, 93-109	
511	Cooperative tracking for high-order non-linear multi-agent systems via adaptive control. 2018 , 12, 1592-1600	8
510	Adaptive coordinated tracking control for multiple nonholonomic chained system with navigation method. 2018 ,	
509	Distributed consensus tracking for discrete-time second-order multi-agent systems under asynchronous situation. 2018 ,	
508	Adaptive cooperative tracking control for a class of high-order nonaffine nonlinear multi-agent systems. 2018 ,	
507	Distributed leader-following consensus control based optimal design for multi-agent systems with intermittent communications. 2018 ,	1
506	Containment of linear multi-agent systems with disturbances generated by heterogeneous nonlinear exosystems. 2018 , 315, 283-291	8
505	Disturbance observer-based consensus control of input-delayed LTI systems with matched disturbances: a predictor feedback approach. 2018 , 12, 1584-1591	4
504	A transformation method for consensus of general linear multi-agent systems. 2018 ,	

503	Event Based Robust Consensus for Multi-Agent Systems via Sliding-Mode Control. 2018 ,	3
502	Event-triggered consensus tracking for fractional-order multi-agent systems with general linear models. 2018 , 315, 292-298	18
501	Cooperative deterministic learning control for a group of homogeneous nonlinear uncertain robot manipulators. 2018 , 61, 1	10
500	Event-triggered leader-following consensus for multi-agent systems with semi-Markov switching topologies. 2018 , 459, 290-301	79
499	Robust output consensus of networked heterogeneous nonlinear systems by distributed output regulation. 2018 , 94, 186-193	9
498	Leader-following consensus with distributed event-triggered control for multi-agent systems. 2018 ,	
497	Exponential consensus of discrete-time systems based on a novel Krasovskii-LaSalle theorem under directed switching networks. 2018 , 97, 189-199	6
496	Robust consensus of a class of heterogeneous nonlinear uncertain multi-agent systems subject to communication constraints. 2018 ,	1
495	Motion-planning-based formation-containment control for multi-agent systems. 2018 ,	
494	Distributed event-triggered consensus using only triggered information for multi-agent systems under fixed and switching topologies. 2018 , 12, 1357-1365	17
493	Containment control for high-order multi-agent systems with heterogeneous time delays. 2018 , 12, 1340-1348	11
492	Multiagent Systems. 2018 , 313-338	1
491	H Consensus for Linear Heterogeneous Discrete-Time Multiagent Systems With Output Feedback Control. 2019 , 49, 3713-3721	23
490	Adaptive synchronization of coupled harmonic oscillators under switching topology. 2019 , 356, 1067-1087	24
489	Event-Triggered Cooperative Output Regulation of Linear Multi-Agent Systems Under Jointly Connected Topologies. 2019 , 64, 1317-1322	39
488	Distributed adaptive event-triggered protocol for tracking control of leader-following multi-agent systems. 2019 , 356, 10466-10479	14
487	Cooperative Semiglobal Robust Output Regulation of Non-Introspective Nonlinear Agents With Partial Normal Form and State-Dependent High-Frequency Gain. 2019 , 6, 388-402	2
486	Leader-following consensus for fractional multi-agent systems. 2019 , 2019,	5

485	Consensus analysis of multi-agent systems with general linear dynamics and switching topologies by non-monotonically decreasing Lyapunov function. 2019 , 7, 179-188	1
484	Guaranteed-performance consensus tracking of singular multiagent systems with Lipschitz nonlinear dynamics and switching topologies. 2019 , 29, 5227-5250	11
483	Robust containment control of heterogeneous non-linear multi-agent systems via power series approach. 2019 , 13, 496-505	2
482	Distributed containment control of multi-agent systems under asynchronous switching and stochastic disturbances. 2019 , 13, 1105-1112	6
481	Particular internal recirculation frequency scope for enhancing denitrifying phosphorus removal in an oxidation ditch. 2019 , 80, 191-202	1
480	Leader-following scaled consensus of second-order multi-agent systems under directed topologies. 2019 , 50, 2604-2615	7
479	Observer based leader-following consensus of second-order multi-agent systems with nonuniform sampled position data. 2019 , 356, 10031-10057	11
478	Detection-by- Tracking Boosted Online 3D Multi-Object Tracking. 2019 ,	1
477	The Harmonic Characteristic of the Advanced Synchronous SVPWM Overmodulation Strategy. 2019 , 7, 148934-148949	6
476	Semantic Segmentation via Structured Refined Prediction and Dual Global Priors. 2019 ,	1
475	Bipartite containment tracking in second-order multi-agent systems over switching cooperation-competition networks. 2019 ,	
474	A Novel Hybrid Systems Framework For Leader-Following Consensus of Multi-Agent Systems. 2019 ,	
473	Bounded synchronization of complex dynamical networks with prescribed performance via event-based transmission strategy. 2019 , 33, 1661-1675	1
472	Retracted: Multiscale fast correlation filtering tracking algorithm based on a feature fusion model. 2019 , 33, e5533	58
471	Optimal Energy Consumption for Consensus of Multi-Agent Systems With Communication Faults. 2019 , 7, 138941-138949	2
470	Adaptive Neural Network Time-varying Formation Tracking Control for Multi-agent Systems via Minimal Learning Parameter Approach. 2019 ,	1
469	Practical consensus tracking of multi-agent systems with linear controllers. 2019 ,	1
468	A power quality disturbance detection combined with adaptive threshold and multi-resolution SVD packets. 2019 ,	

467	Partial containment control over signed graphs. 2019 ,		0
466	Multivariable adaptive control based consensus flight control system for UAVs formation. 2019 , 93, 105336		26
465	Containment Problem for Sampled-Data Agent Networks Subject to Information Delays and Switching Topologies. 2019 , 7, 71007-71012		0
464	Hydrodynamic Models of Preference Formation in Multi-agent Societies. 2019 , 29, 2761-2796		10
463	Leader-Following Consensus of Multiple Electrohydraulic Actuators with Unknown External Disturbances. 2019 ,		1
462	Further Results for Edge Convergence of Directed Signed Networks. 2019 ,		4
461	Consensus Tracking in Multi-Dimensional Systems. 2019 ,		0
460	Distributed Minimum Energy Leader-Follower Algorithm for Multi-Agent Systems with an Active Non-Homogenous Leader. 2019 ,		1
459	Saturated input consensus algorithms for perturbed double-integrator systems without velocity measurements. <i>Systems and Control Letters</i> , 2019 , 133, 104528	2.4	3
458	Consensus of second-order multi-agent systems under unknown but bounded measurement noises. <i>Systems and Control Letters</i> , 2019 , 133, 104517	2.4	3
457	Delay-dependent consensus condition for a class of fractional-order linear multi-agent systems with input time-delay. 2019 , 50, 669-678		7
456	Event-triggered robust cooperative stabilization in nonlinearly interconnected multiagent systems. 2019 , 48, 9-20		8
455	Synchronization Control for Network Systems With Communication Constraints. 2019 , 30, 3150-3160		10
454	Containment control of multi-agent systems via a disturbance observer-based approach. 2019 , 356, 2919-2933		18
453	Fault-tolerant leader-following consensus for multi-agent systems subject to semi-Markov switching topologies: An event-triggered control scheme. 2019 , 34, 92-107		75
452	Iterative learning control of multi-agent systems with random noises and measurement range limitations. 2019 , 50, 1465-1482		5
451	Hermitian normalized Laplacian matrix for directed networks. 2019 , 495, 175-184		4
450	Group consensus of multi-agent systems subjected to cyber-attacks. 2019 , 28, 060501		3

449	New distributed adaptive protocols for uncertain nonlinear leader-follower multi-agent systems via a repetitive learning control approach. 2019 , 356, 6571-6590	7
448	PD-type distributed learning control for nonlinear fractional-order multiagent systems. 2019 , 42, 4543-4553	8
447	Multi-layer distributed protocols for robust cooperative tracking in interconnected nonlinear multiagent systems. 2019 , 29, 3859	2
446	Semi-Global Cooperative Output Regulation Problem for Heterogeneous Swarm Systems With Input Saturation Under Switching Network. 2019 , 7, 36426-36432	4
445	Guaranteed Cost Consensus for Multiple General Dynamic Systems With Switching Topologies. 2019 , 7, 37088-37099	3
444	Distributed Anti-Disturbance Control Strategy for Multi-Aircraft Systems With Time-Varying Topology. 2019 , 7, 26278-26293	3
443	Decentralized adaptive consensus control for discrete-time heterogeneous semiparametric multiagent systems. 2019 , 29, 3756-3776	1
442	Distributed cooperative adaptive state estimation and system identification for multi-agent systems. 2019 , 13, 815-822	5
441	Distributed Event-Triggered Secondary Voltage Control for Microgrids With Time Delay. 2019 , 49, 1582-1591	26
440	Co-operative 3D salvo attack of multiple missiles under switching topologies subject to time-varying communication delays. 2019 , 123, 464-483	2
439	Guaranteed-performance consensus design for Lipschitz nonlinear multiagent systems with jointly connected topologies. 2019 , 29, 3627-3649	12
438	Distributed consensus of networked markov jump multi-agent systems with mode-dependent event-triggered communications and switching topologies. 2019 , 12, 1753-1760	1
437	Cooperative tracking control for general linear multiagent systems with directed intermittent communications: An artificial delay approach. 2019 , 29, 3063-3077	5
436	Nonlinear consensus strategies for multi-agent networks under switching topologies: Real-time receding horizon approach. 2019 , 87, 323-330	10
435	New Event-based Control for Sampled-data Consensus of Multi-agent Systems. 2019 , 17, 1107-1116	10
434	Control of air-ground convoy subject to communication time delay. 2019 , 76, 213-224	2
433	Agreement coordination of fractional-order multi-agent systems with reaction-diffusion and persistent disturbances. 2019 , 525, 680-693	3
432	Generalised exponential consensus of the fractional-order nonlinear multi-agent systems via event-triggered control. 2019 , 50, 1244-1251	7

431	Introduction. 2019 , 3-24	
430	Reliable consensus control for semi-Markov jump multi-agent systems: A leader-following strategy. 2019 , 356, 3612-3627	7
429	Distributed event-triggered containment control for dynamical multiagent networks. 2019 , 29, 2223-2235	8
428	. 2019 , 20, 2750-2763	25
427	Group Information Based Nonlinear Consensus for Multi-Agent Systems. 2019 , 7, 26551-26557	4
426	Distributed optimal consensus control for nonlinear multiagent systems based on DISOPE algorithm. 2019 , 40, 517-528	2
425	Necessary and sufficient conditions for containment control of multi-agent systems with time delay. 2019 , 103, 418-423	84
424	Stability analysis of fractional delayed equations and its applications on consensus of multi-agent systems. 2019 , 73, 351-362	24
423	Passivity based Consensus of Multi-agent Systems with Partly Consensusable Topologies by Admissible Edge-dependent Switching. 2019 ,	
422	Fixed-Time Consensus Tracking of Heterogeneous Multi-agent Systems*. 2019 ,	2
421	Performance Index Based Observer-Type Iterative Learning Control for Consensus Tracking of Uncertain Nonlinear Fractional-Order Multiagent Systems. 2019 , 2019, 1-17	
420	. 2019 ,	3
419	Real-time Cost Optimisation for Power Management in Microgrids Using Multi-Agent Control. 2019 ,	0
418	Adaptive practical consensus control for a second-order nonlinear MAS with unknown parameters. 2019 ,	0
417	Need-Based Communication in Fully-Distributed Secondary Control of DC Microgrids. 2019 ,	1
416	Synchronization preserving model reduction of multi-agent network systems by eigenvalue assignments. 2019 ,	1
415	An Exponential Stability Result for a Class of Linear Switched Systems and Its Application. 2019 ,	1
414	Prescribed-Time Leader-Following Consensus Tracking Control for Second-Order Multi-agent Systems. 2019 ,	2

413	Necessary and sufficient conditions for containment control of heterogeneous linear multi-agent systems with fixed time delay. 2019 , 13, 2065-2074	9
412	Adaptive output feedback control with linear observer for second-order nonlinear uncertain multi-agent systems. 2019 ,	
411	Distributed Multilateral Teleoperation Framework Using Passivity-Shortage. 2019 , 52, 181-186	1
410	Global Consensus of Multi-Agent Systems with Intermittent Directed Communication in the Presence of Actuator Saturation. 2019 ,	1
409	Containment of linear multi-agent systems with multiple leaders of bounded input and exogenous disturbances. 2019 ,	0
408	Distributed Cooperative Control of a High-speed Train. 2019 ,	1
407	Consensus of Heterogeneous Multi-Agent Systems Under Switching Directed Topologies. 2019 ,	1
406	Leader-Following Consensus and Formation Control of VTOL-UAVs with Event-Triggered Communications. 2019 , 19,	12
405	Consensus Tracking of Linear Multi-Agent Systems With Exogenous Disturbances. 2019 ,	0
404	Distributed adaptive containment control for a class of discrete-time nonlinear multi-agent systems with uncertainties. 2019 , 1-14	1
403	A Spectral Property of a Graph Matrix and Its Application to the Leader-Following Consensus of Discrete-Time Multiagent Systems. 2019 , 64, 2583-2589	6
402	A New Characteristic of Switching Topology and Synchronization of Linear Multiagent Systems. 2019 , 64, 2697-2711	14
401	Mean Square LeaderFollowing Consensus of Second-Order Nonlinear Multiagent Systems With Noises and Unmodeled Dynamics. 2019 , 49, 2478-2486	67
400	Event-Triggered Consensus of Homogeneous and Heterogeneous Multiagent Systems With Jointly Connected Switching Topologies. 2019 , 49, 4421-4430	48
399	Global optimal consensus for higher-order multi-agent systems with bounded controls. 2019 , 99, 301-307	31
398	Distributed sweep coverage algorithm of multi-agent systems using workload memory. <i>Systems and Control Letters</i> , 2019 , 124, 75-82	2.4 5
397	Bibliometric analysis for highly cited papers in operations research and management science from 2008 to 2017 based on Essential Science Indicators. 2019 , 88, 223-236	47
396	Observer-based quasi-containment of fractional-order multi-agent systems via event-triggered strategy. 2019 , 50, 517-533	9

395	Allocating Minimum Number of Leaders for Seeking Consensus over Directed Networks with Time-varying Nonlinear Multi-agents. 2019 , 17, 57-68	1
394	Leader-following consensus for nonlinear agents with measurement feedback. 2019 , 29, 1694-1718	2
393	Multi-UAV Continuum Deformation Flight Optimization in Cluttered urban environments. 2019 ,	
392	Leader-follower multi-agent flocking with bounded missing data and random communication radius. 2019 , 41, 2441-2450	2
391	Consensus analysis of fractional-order nonlinear multi-agent systems with distributed and input delays. 2019 , 329, 46-52	17
390	Consensus of fractional multi-agent systems by distributed event-triggered strategy. 2019 , 95, 541-555	21
389	Distributed event-triggered consensus for nonlinear multi-agent systems subject to cyber attacks. 2019 , 473, 178-189	44
388	Existence, properties and trajectory specification of generalised multi-agent flocking. 2019 , 92, 1434-1456	6
387	Adaptive consensus control of leader-following systems with transmission nonlinearities. 2019 , 92, 317-328	57
386	A self-tuning adaptive distributed observer approach to the cooperative output regulation problem for networked multi-agent systems. 2019 , 92, 1796-1804	5
385	Adaptive Distributed Observer Approach for Cooperative Containment Control of Nonidentical Networks. 2019 , 49, 299-307	72
384	Predictor-Based Extended-State-Observer Design for Consensus of MASs With Delays and Disturbances. 2019 , 49, 1259-1269	65
383	Distributed Robust Hierarchical Power Sharing Control of Grid-Connected Spatially Concentrated AC Microgrid. 2019 , 27, 1012-1022	16
382	Consensus via Time-Varying Feedback for Uncertain Stochastic Nonlinear Multiagent Systems. 2019 , 49, 1536-1544	7
381	Event-triggered simultaneous fault detection and tracking control for multi-agent systems. 2019 , 92, 1928-1944	12
380	Automatic Leader-Follower Persistent Formation Generation With Minimum Agent-Movement in Various Switching Topologies. 2020 , 50, 1569-1581	29
379	Dynamic Event-Triggered Control for Leader-Following Consensus of Multiagent Systems. 2020 , 50, 3243-3251	43
378	H ∞ Consensus for Multiagent-Based Supply Chain Systems Under Switching Topology and Uncertain Demands. 2020 , 50, 4905-4918	3

377	Integrated Fault Estimation and Fault-Tolerant Tracking Control for Lipschitz Nonlinear Multiagent Systems. 2020 , 50, 678-688	18
376	Synchronization of the Networked System With Continuous and Impulsive Hybrid Communications. 2020 , 31, 960-971	18
375	Neural Networks-Based Distributed Adaptive Control of Nonlinear Multiagent Systems. 2020 , 31, 1010-1021	76
374	Distributed Event-Triggered Consensus of Multiagent Systems With Communication Delays: A Hybrid System Approach. 2020 , 50, 3169-3181	7
373	Non-fragile H _∞ consensus tracking of nonlinear multi-agent systems with switching topologies and transmission delay via sampled-data control. 2020 , 509, 210-226	18
372	Leader-following consensus of nonlinear discrete-time multi-agent systems with limited bandwidth and switching topologies. 2020 , 99, 139-147	3
371	Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. 2020 , 99, 191-198	27
370	Fully distributed containment control for second-order multi-agent systems with communication delay. 2020 , 99, 123-129	12
369	Discrete-time sliding mode protocols for leader-following consensus of discrete multi-agent system with switching graph topology. 2020 , 51, 65-75	10
368	Distributed containment control of singular heterogeneous multi-agent systems. 2020 , 357, 1378-1399	9
367	Leader-Following Consensus for Linear Multiagent Systems via Asynchronous Sampled-Data Control. 2020 , 65, 3215-3222	24
366	Scaled Consensus of Second-Order Nonlinear Multiagent Systems With Time-Varying Delays via Aperiodically Intermittent Control. 2020 , 50, 3503-3516	25
365	Stability and Convergence of a Message-Loss-Tolerant Rendezvous Algorithm for Wireless Networked Robot Systems. 2020 , 7, 1103-1114	3
364	Interaction Matrix Based Analysis and Asymptotic Cooperative Control of Multi-agent Systems. 2020 , 18, 1103-1115	2
363	Cooperative optimal control for descriptor multi-agent systems. 2020 , 37, 935-952	1
362	Learning-Based Event-Triggered Control for Synchronization of Passive Multiagent Systems Under Attack. 2020 , 65, 4170-4185	8
361	Containment control of linear discrete-time fractional-order multi-agent systems with time-delays. 2020 , 385, 42-47	12
360	H _∞ leader-following consensus of nonlinear multi-agent systems under semi-Markovian switching topologies with partially unknown transition rates. 2020 , 513, 168-179	21

359	Distributed fixed time super-twisting sliding mode leader-follower tracking protocol design for nonlinear networked flexible joint robots. 2020 , 8, 908-916	
358	Robust Cooperative Output Regulation of Heterogeneous Uncertain Linear Multiagent Systems With Time-Varying Communication Topologies. 2020 , 65, 4340-4347	2
357	Velocity and Input Constrained Coordination of Second-Order Multi-Agent Systems With Relative Output Information. 2020 , 7, 1925-1938	14
356	Towards event-triggered extended state observer for multi-agent systems. 2020 , 386, 191-197	6
355	Adaptive Event-Triggered and Double-Quantized Consensus of Leader-Follower Multiagent Systems With Semi-Markovian Jump Parameters. 2020 , 1-13	9
354	Distributed Linear Parameter Varying Model Predictive Controller with Event-Triggered Mechanism for Nonholonomic Mobile Robot. 2020 ,	0
353	Formation Control and Target Interception for Multiple Multi-rotor Aerial Vehicles. 2020 ,	0
352	Observer-based Event-triggered Model Reference Control for Multi-agent Systems. 2020 ,	1
351	Data-based optimal coordination control of continuous-time nonlinear multi-agent systems via adaptive dynamic programming method. 2020 , 357, 10312-10328	0
350	Distributed event-based consensus disturbance rejection with parameter uncertainties. 2020 , 30, 8159-8173	1
349	Event-Triggered Finite-Time Consensus of Second-Order Leader-Follower Multiagent Systems With Uncertain Disturbances. 2020 , PP,	5
348	Formation tracking of multiple amphibious robots with unknown nonlinear dynamics. 2020 , 17, 172988142093854	
347	Distributed Output-Feedback Adaptive Fuzzy Leader-Following Consensus of Stochastic Nonlinear Interconnected Multiagent Systems. 2020 , 1-13	2
346	Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. 2020 , 393, 38-45	8
345	Leader-following group consensus of discrete-time fractional-order double-integrator multi-agent systems. 2020 , 106, 262-270	6
344	Leader-following consensus of multi-agent systems under antagonistic networks. 2020 , 413, 339-347	4
343	Autonomous and non-autonomous fixed-time leader-follower consensus for second-order multi-agent systems. 2020 , 102, 2669-2686	2
342	Guaranteed Cost Formation Tracking Control for Swarm Systems with Intermittent Communications. 2020 , 2020, 1-13	

341	Global consensus of multi-agent systems with intermittent directed communication in the presence of actuator saturation. 2020 , 30, 8469-8484	2
340	Almost output consensus of nonlinear multiagent systems in the presence of external disturbances. 2020 , 30, 7355-7369	0
339	Leader-following consensus tracking of autonomous unmanned systems with fixed/switching topologies: an event-triggered approach. 2020 , 51, 2441-2455	1
338	On Distributed Nash Equilibrium Computation: Hybrid Games and a Novel Consensus-Tracking Perspective. 2021 , 51, 5021-5031	7
337	Distributed L2 \mathcal{H}_2 consensus of multi-agent systems under asynchronous switching topologies. 2020 , 1-10	1
336	Average-consensus Tracking for First-order Multi-agent Systems with Systems with Quantized Data. 2020 ,	
335	Relative-Position Formation Control of Satellites using Electromagnetic Actuation with Piecewise-Sinusoidal Controls. 2020 ,	1
334	Leader-Following Formation Control With Time-Varying Formations and Bounded Controls for Agents with Double-Integrator Dynamics. 2020 ,	2
333	Decentralized Control of Networked Systems with Unknown Control Directions and Uncertainties. 2020 ,	
332	Cooperative output regulation of linear heterogeneous multi-agent systems based on the observer by event-triggered mechanism. 2020 ,	
331	Almost Output Consensus of Nonlinear Multi-Agent Systems in the Presence of External Disturbances. 2020 ,	
330	Distributed containment control of fractional-order multi-agent systems using neural networks. 2020 ,	5
329	Observer-Based Dynamic Event-Triggered Strategies for Leader-Following Consensus of Multi-Agent Systems With Disturbances. 2020 , 7, 3148-3158	19
328	Leader-Following Consensus of Stochastic Dynamical Multi-Agent Systems Under PI Control. 2020 ,	
327	Decentralized Control for the Multiple Agents in Strict Feedback Form. 2020 , 8, 194850-194857	0
326	Robust Cluster Synchronization in Dynamical Networks With Directed Switching Topology via Averaging Method. 2020 , 1-11	1
325	Event-triggered based consensus control for a type of multi-agent systems. 2020 ,	
324	Consensus of Heterogeneous Delayed Multi-agent Systems with Distributed PI Protocol. 2020 ,	

323	Observer-Based Distributed Fault Detection for Heterogeneous Multi-Agent Systems. 2020 , 10, 7466	2
322	Leader-following bipartite consensus of multiple uncertain Euler-Lagrange systems over signed switching digraphs. 2020 , 405, 96-102	5
321	Synchronization of heterogeneous multiagent systems: A distributed observer and compensation framework. 2020 , 2, e43	
320	Suboptimal output consensus for a group of weakly nonminimum phase linear systems. 2020 , 119, 109084	3
319	Consensus tracking control of discrete-time second-order agents over switching signed digraphs with arbitrary antagonistic relations. 2020 , 30, 4826-4838	2
318	Adaptive Practical Stabilisation Control for Nonlinear Uncertain Multi-agent Systems with Time-varying Parameters. 2020 ,	
317	Robust Time-Varying Formation Control for a Set of Quad-Copters With Switching Interaction Communication Topology. 2020 , 69, 6880-6890	7
316	Non-fragile guaranteed-performance H ∞ leader-following consensus of Lipschitz nonlinear multi-agent systems with switching topologies. 2020 , 38, 100913	10
315	Second-Order Consensus of Hybrid Multiagent Systems. 2020 , 1-10	3
314	Literature Review Toward Decentralized Railway Traffic Management. 2020 , 0-0	1
313	On Leader-Following Consensus in Multi-Agent Systems with Discrete Updates at Random Times. 2020 , 22,	0
312	Influence Analysis of Leader Information with Application to Formation Control of Multi-agent Systems. 2020 , 18, 3062-3072	2
311	Event-triggered consensus control of high-order multi-agent systems with arbitrary switching topologies via model partitioning approach. 2020 , 413, 14-22	9
310	Sampled-data consensus of multiagent systems with switching jointly connected topologies via time-varying Lyapunov function approach. 2020 , 30, 5369-5385	8
309	Distributed Containment Control of Fractional-order Multi-agent Systems with Double-integrator and Nonconvex Control Input Constraints. 2020 , 18, 1728-1742	9
308	Hierarchical Microswarms with Leader-Follower-Like Structures: Electrohydrodynamic Self-Organization and Multimode Collective Photoresponses. 2020 , 30, 1908602	36
307	Distributed Containment Control of Fractional-Order Multi-Agent Systems With Unknown Persistent Disturbances on Multilayer Networks. 2020 , 8, 5589-5600	2
306	Sampled-time containment control of high-order continuous-time MASs under heterogenous time-varying delays and switching topologies: A scrambling matrix approach. 2020 , 395, 24-38	4

- 305 Consensus of fractional-order delayed multi-agent systems in Riemann–Liouville sense. **2020**, 396, 123-129 6
- 304 Consensus and \mathcal{H}_{∞} Consensus of Nonlinear Second-Order Multi-Agent Systems. **2020**, 7, 1251-1264 18
- 303 Semiglobal Consensus of a Class of Heterogeneous Multi-Agent Systems With Saturation. **2020**, 31, 4946-4955 8
- 302 Control of Multilayer Mobile Autonomous Systems in Adversarial Environments: A Games-in-Games Approach. **2020**, 7, 1056-1068 7
- 301 Passivity-Based Finite-Time Synchronization of Nonlinear Multi-Agent Systems. **2020**, 7, 1953-1965 16
- 300 Distributed leader following of an active leader for linear heterogeneous multi-agent systems. *Systems and Control Letters*, **2020**, 137, 104621 2.4
- 299 Distributed Model-Based Event-Triggered Leader-Follower Consensus Control for Linear Continuous-Time Multiagent Systems. **2020**, 1-9 10
- 298 Delay-Induced Containment Control of Second-Order Multi-Agent Systems With Intermittent Sampled Position Data. **2020**, 8, 20334-20341 1
- 297 Event-Triggered Average Consensus of Multiagent Systems with Switching Topologies. **2020**, 2020, 1-7 0
- 296 Leader-following consensus of linear time-varying multi-agent systems under fixed and switching topologies. **2020**, 113, 108804 16
- 295 Finite-time Consensus of Leader-following Multi-agent Systems with Multiple Time Delays over Time-varying Topology. **2020**, 18, 1985-1992 3
- 294 Distributed Adaptive Time-Varying Formation Tracking Control for General Linear Multi-Agent Systems Based on Event-Triggered Strategy. **2020**, 8, 13204-13217 5
- 293 Fixed-time consensus for disturbed multiple Euler-Lagrange systems with connectivity preservation and quantized input. **2020**, 380, 125303 5
- 292 Introduction. **2020**, 3-15
- 291 Robust cooperative control of networked negative-imaginary systems. **2020**, 197-226
- 290 Bibliography. **2020**, 227-237
- 289 Distributed Consensus Control for Nonlinear Multiagent Systems Under Directed Graphs of Dynamic Frequency Switches. **2021**, 66, 841-848 8
- 288 Cooperative Output Regulation of Networked Motors Under Switching Communication and Detectability Constraints. **2021**, 29, 1296-1303 1

287	Synchronization in Multiple Neural Networks With Delay and Disconnected Switching Topology via Event-Triggered Impulsive Control Strategy. 2021 , 68, 2491-2500	7
286	Admissible consensus of uncertain fractional-order singular multiagent systems with actuator fault. 2021 , 27, 264-276	2
285	Discrete-Time Distributed Observers Over Jointly Connected Switching Networks and an Application. 2021 , 66, 1918-1924	6
284	Adaptive Neural Network Fixed-Time Leader-Follower Consensus for Multiagent Systems With Constraints and Disturbances. 2021 , 51, 1835-1848	30
283	Distributed Output-Feedback Tracking of Multiple Nonlinear Systems With Unmeasurable States. 2021 , 51, 477-486	28
282	Cooperative output regulation of linear multi-agent systems subject to an uncertain leader system. 2021 , 94, 952-960	5
281	Predefined-Time Consensus Tracking of Second-Order Multiagent Systems. 2021 , 51, 2550-2560	23
280	Consensus Tracking of Data-Sampled Nonlinear Multi-Agent Systems With Packet Loss and Communication Delay. 2021 , 8, 126-137	9
279	Quasi-Synchronization Control of Multiple Electrohydraulic Actuators With Load Disturbance and Uncertain Parameters. 2021 , 26, 2048-2058	3
278	H ∞ delayed tracking protocol design of nonlinear singular multi-agent systems under Markovian switching topology. 2021 , 545, 280-297	5
277	Dynamic Evaluation Strategies for Multiple Aircrafts Formation Using Collision and Matching Probabilities. 2021 , 8, 890-904	
276	H ∞ consensus of multi-agent systems with semi-Markovian switching topologies and mode-dependent delays. 2021 , 52, 173-184	2
275	Fixed-time sliding mode cooperative control for multiagent networks via event-triggered strategy. 2021 , 31, 21-36	11
274	Consensus Problems of Linear Multi-agent Systems involving Conformable Derivative. 2021 , 394, 125809	1
273	Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. 2021 , 555, 314-338	19
272	Leader-following consensus of multi-agent systems via novel sampled-data event-triggered control. 2021 , 395, 125850	3
271	Distributed non-fragile containment control of nonlinear multi-agent systems with time-varying delays. 2021 , 52, 889-904	2
270	Couple-group consensus for heterogeneous MASs under switched topologies in cooperative-competitive systems: A hybrid pinning and delta operator skills. 2021 , 441, 335-349	5

269	Containment control of general linear multi-agent systems by event-triggered control mechanisms. 2021 , 433, 263-274	5
268	Cooperative output regulation of heterogeneous linear multi-agent systems based on the event-triggered distributed control under switching topologies. 2021 , 390, 125611	6
267	Control for Leader-Follower Consensus of Multi-agent Systems with Actuator Faults Using Decentralized Robust Fault-tolerant Control. 2021 , 45, 529-541	2
266	Consensus of Heterogeneous Second-Order Nonlinear Uncertain Multiagent Systems Under Switching Networks. 2021 , 66, 3331-3338	4
265	Event-Triggered/Self-Triggered Leader-Following Control of Stochastic Nonlinear Multiagent Systems Using High-Gain Method. 2021 , 51, 2969-2978	9
264	. 2021 , 51, 3240-3250	2
263	. 2021 , 1-1	1
262	Event-Triggered Cooperative Output Regulation of Heterogeneous Multiagent Systems Under Switching Directed Topologies. 2021 , PP,	1
261	Distributed Moving Target Fencing in a Regular Polygon Formation. 2021 , 1-1	0
260	Adaptive NN Control for Nonlinear Multi-Agent Systems With Unknown Control Direction and Full State Constraints. 2021 , 9, 24425-24432	3
259	Output Feedback Synthesis of Multi-Agent Systems with Jointly Connected Switching Networks: A Separation Principle Approach. 2021 , 1-1	2
258	Cluster consensus of nonlinear multi-agent systems with Markovian switching topologies and communication noises. 2021 , 116, 113-120	4
257	Consensus in multiagent systems over time-varying networks. 2021 , 73-115	
256	. 2021 , 1-9	0
255	Non-Fragile Disturbance Observer-Based Containment Control of Multi-Agent Systems Over Switching Topologies. 2021 , 9, 123430-123437	1
254	Bio-inspired Decentralized Control and Actual Machine Verification. 2021 , 57, 162-167	
253	Event-triggering sampling-based leader-following consensus in second-order multi-agent systems. 2021 , 125-137	
252	Formation Control With Time-Varying Formations, Bounded Controls, and Local Collision Avoidance. 2021 , 1-16	2

251	Adaptive Bipartite Output Tracking Consensus in Switching Networks of Heterogeneous Linear Multiagent Systems Based on Edge Events. 2021 , PP,	5
250	Consensus Control for Networked Manipulators With Switched Parameters and Topologies. 2021 , 9, 9209-9217	33
249	Distributed Adaptive Leader-Following Consensus for Nonlinear Multiagent Systems With Actuator Failures Under Directed Switching Graphs. 2021 , PP,	0
248	Consensus of Nonlinear Multiagent Systems With Aperiodic Intermittent Communications via Nonfragile Tracking Protocol. 2021 , 1-12	3
247	Leader-Following Exponential Consensus of Fractional-Order Descriptor Multiagent Systems With Distributed Event-Triggered Strategy. 2021 , 1-13	1
246	. 2021 , 9, 104940-104949	2
245	Robust Cooperative Control of Networked Train Platoons: a Negative-Imaginary Systems' Perspective. 2021 , 1-1	1
244	Bipartite consensus of multi-agent systems with reduced-order observer-based distributed control protocols. 2021 , 52, 2255-2267	3
243	Neuro-adaptive distributed output-feedback containment control for multiagent systems with nonstrict-feedback nonlinear dynamics and input constraints. 2021 , 31, 2465-2490	1
242	Manoeuvrable multi-agent formation control via time-varying flocking and iterative learning tracking. 2021 , 52, 2460-2479	0
241	Fast Convergence of Multi-quadrotor Cooperation Using Weighted-Neighbor-based Control. 1-18	2
240	Second-Order Leader-Following Consensus of Fractional-Order Multi-Agent Systems. 2021 ,	1
239	Observer-Based Leader Follower Network Multi-Motor Drive: An Agent-Based Coordination Control Approach. 2021 , 46, 9725-9734	
238	Predefined-time leader-following consensus for nonholonomic chained-form multiagent dynamic systems. 1-14	
237	Relative controllability of delay multi-agent systems. 2021 , 31, 4965-4993	1
236	Distributed Adaptive Formation Tracking Control under Fixed and Switching Topologies: Application on General Linear Multi-Agent Systems. 2021 , 13, 941	2
235	Observer-Based Consensus Control for Heterogeneous Multi-Agent Systems with Output Saturations. 2021 , 11, 4345	1
234	A Lyapunov-Krasovskii Functional Approach to Stability and Linear Feedback Synchronization Control for Nonlinear Multi-Agent Systems with Mixed Time Delays. 2021 , 2021, 1-20	2

233	Distributed Consensus with Private Communications. 2021,	
232	Saturated Adaptive Pinning Control and Consensus of Discontinuous Multi-Agent Systems. 2021,	
231	Cooperative Control for Nonlinear Multi-Agent Systems Based on Event-Triggered Scheme. 2021, 68, 1977-1981	6
230	Secure consensus of multi-agent systems with redundant signal and communication interference via distributed dynamic event-triggered control. 2021, 112, 89-98	34
229	Containment control for multi-agent systems with fractional Brownian motion. 2021, 398, 125814	
228	Observer-based consensus control for heterogeneous multi-agent systems with intermittent communications. 2021, 31, 6492-6506	1
227	Robust observer-based leader-following consensus for a class of nonlinear multi-agent systems: application to UAV formation control. 2021,	
226	Fault-Tolerant Control in Leader-Follower Distributed Formation Flight System. 2021,	
225	Fault-Tolerant Time-Varying Formation Tracking Control for Unmanned Aerial Vehicle Swarm Systems with Switching Topologies. 2021, 2021, 1-13	
224	Stabilization of large-scale systems and consensus of multi-agent systems with time delay - common features and differences. 2021,	
223	Privacy-Preserving Leader-Following Consensus via Node-Augment Mechanism. 2021, 68, 2117-2121	4
222	Self-Organised Collision-Free Flocking Mechanism in Heterogeneous Robot Swarms. 1	4
221	Delayed output feedback based leader-follower and leaderless consensus control of uncertain multiagent systems. 2021, 15, 1956-1970	1
220	Cooperative Bipartite Containment Control for Heterogeneous Networks With Structurally Balanced Graph. 2021, 68, 2885-2889	4
219	Pursuit on regular surfaces with application to consensus problems. 2021, 105, 3423-3438	
218	Mean-square output consensus of heterogeneous multi-agent systems with communication noises. 2021, 15, 2232	1
217	Time-varying Nonholonomic Robot Consensus Formation Using Model Predictive Based Protocol With Switching Topology. 2021, 567, 201-215	9
216	Cooperative Multi-Scenario Departure Control for Virtual Coupling Trains: A Fixed-Time Approach. 2021, 70, 8545-8555	0

215	Guaranteed Cost Leaderless Consensus Protocol Design for Fractional-Order Uncertain Multi-Agent Systems with State and Input Delays. 2021 , 5, 141	3
214	Reliable controller for nonlinear multiagent system with additive time varying delay and nonlinear actuator faults.	1
213	Pinning bipartite synchronization for coupled reaction-diffusion neural networks with antagonistic interactions and switching topologies. 2021 , 141, 174-183	2
212	Minimum-time and minimum-triggering impulsive stabilization for multi-agent systems over finite fields. <i>Systems and Control Letters</i> , 2021 , 155, 104991	2.4 1
211	Mixed Time-Delayed Nonlinear Multi-agent Dynamic Systems for Asymptotic Stability and Non-fragile Synchronization Criteria. 1	1
210	Leader-Follower Multimotor Speed Coordination via Adaptive Fuzzy Multiagent Consensus Scheme. 2021 , 2021, 1-13	
209	Resilient Control and Analysis for DC Microgrid System Under DoS and Impulsive FDI Attacks. 2021 , 12, 3742-3754	15
208	Observer-based bipartite consensus for uncertain Markovian-jumping multi-agent systems with actuator saturation. 2021 , 61, 13-23	3
207	Limited-Budget Consensus Design and Analysis for Multiagent Systems With Switching Topologies and Intermittent Communications. 2021 , 8, 1724-1736	7
206	Containment control of fractional discrete-time multi-agent systems with nonconvex constraints. 2021 , 409, 126378	0
205	Robust discrete-time non-smooth consensus protocol for multi-agent systems via super-twisting algorithm. 2022 , 413, 126636	
204	An agent based observer model of the networked DC drives for speed coordination. 2022 , 413, 126633	0
203	Leader-following synchronization of a multi-agent system with heterogeneous delays. 2021 , 22, 97-106	5
202	Stochastic Denial-of-Service Attack Allocation in Leader-Following Multiagent Systems. 2021 , 1-10	2
201	Consensus control of multi-manipulator systems based on disturbance observer under Markov switching topologies. 2021 , 19, 273-282	0
200	Synchronized Control of Mechanical Systems: A Tutorial. 2014 , 1-25	1
199	Stability of General Linear Dynamic Multi-Agent Systems under Switching Topologies with Positive Real Eigenvalues. 2020 , 6, 688-694	3
198	Output-based event-triggered consensus of general linear multi-agent systems with communication delay under directed graphs. 2020 , 357, 3702-3720	9

197	Bipartite output consensus for heterogeneous multi-agent systems via reduced-order observer-based protocols. 2020 , 406, 274-281	5
196	Coordinated formation control of wheeled mobile robots with switching communication topologies. 2019 , 13, 3164-3173	4
195	Eventself-triggered leader-following consensus of multi-agent systems with general dynamics. 2020 , 14, 1209-1219	5
194	Bipartite tracking consensus of linear multi-agent systems with a dynamic leader under signed digraph. 2020 , 14, 2127-2133	5
193	Switching formation strategy with the directed dynamic topology for collision avoidance of a multi-robot system in uncertain environments. 2020 , 14, 2948-2959	6
192	Observer-Based Leader-Follower Consensus Tracking with Fixed-time Convergence. 2020 ,	1
191	A Unified Hierarchical Framework for Platoon Control of Connected Vehicles with Heterogeneous Control Modes. 2020 ,	2
190	Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. 2020 , PP,	20
189	Distributed node-to-node consensus of multi-agent systems via adaptive intermittent pinning control. 2017 ,	1
188	Consensus and synchronization in discrete-time networks of multi-agents with stochastically switching topologies and time delays. 2011 , 6, 329-349	21
187	Leading Cruise Control in Mixed Traffic Flow: System Modeling, Controllability, and String Stability. 2021 , 1-16	2
186	Distributed Adaptive Nash Equilibrium Solution for Differential Graphical Games. 2021 , PP,	0
185	Decentralized Control of Multiple Agents with Unknown Control Directions. 2021 ,	
184	Adaptive Fault-Tolerant Consensus Tracking of Multiagent Systems via Event-Triggered Control. 2021 ,	
183	Privacy-preserving Leader-following Consensus with Continuous-time Dynamics. 2021 ,	
182	Distributed Containment Control of Markov Jump Multi-agent Systems under Asynchronous Communications. 2021 ,	
181	Leader-following group consensus of Multi-agent systems with different time delays. 2021 ,	
180	Globally asymptotic stability and synchronization analysis of uncertain multi-agent systems with multiple time-varying delays and impulses. 2022 , 32, 737	0

- 179 Control of Networked Dynamical System with Heterogenous Dynamics. **2021**, 109-122
- 178 Synchronization with Non-expansive Dynamics. **2021**, 49-59
- 177 Distributed Consensus and Coordination Control of Networked Multi-agent Systems. **2013**, 51-68 2
- 176 Distributed Output Feedback Tracking Control of Uncertain Nonlinear Multi-Agent Systems with Unknown Input of Leader. **2013**, 11-18 1
- 175 Adaptive Consensus of Multi-agents in Jointly Connected Networks. **2013**, 24-35
- 174 A 3D Path Planning Approach Extended by Bifurcation Theory for Formation Flights. **2013**, 103-113 0
- 173 Bibliography. **2014**, 235-250
- 172 Swarm Robots Formation Control Based on Wireless Sensor Network. **2016**, 458-465 0
- 171 Observer-Based Event-Triggered Consensus Tracking Control of Multi-agent Systems. **2016**, 303-311 1
- 170 Leader Following Consensus of BLDC Motor Speed with Sampling Intervals. **2016**, 6, 119-123
- 169 An Input-Based Triggering Approach to LSNSs. **2017**, 93-113
- 168 Partial component consensus of leader-following multi-agent systems. **2017**, 66, 060201 3
- 167 References. **2017**, 253-270
- 166 Distributed Disturbance Rejection for Dynamic Networked Systems. **2018**,
- 165 Leader-Following Consensus of Nonlinear Multi-agent System via a Distributed ET Impulsive Control Strategy. **2019**, 15-24
- 164 Time-Varying Formation Control Under Switching Interaction Topologies Theories and Applications. **2019**, 1-35
- 163 Event-Triggered Schemes for Leader-Following Consensus of Multi-agent Systems. **2019**, 1-42
- 162 Introduction. **2019**, 1-12

161 Synthesis of the Laws of Motion Control of a UAV Group With Natural Obstacles. **2019**, 193-219

160 On Discrete-Time Convergence for General Linear Multi-agent Systems Under Dynamic Topology. **2019**, 1-19

159 Consensus Tracking Control for Switched Multiple Non-holonomic Mobile Robots. **2020**, 699-707

158 \mathbb{S}^L_2 Leader-Following Consensus of Second-Order Nonlinear Multi-agent Systems with Disturbances Under Directed Topology via Event-Triggered Control Scheme. **2020**, 140-149

157 Output Feedback Consensus of Lower Triangular Nonlinear Systems under a Switching Topology. **2019**, E102.A, 1550-1555

156 Integral Second-Order Sliding Modes for Robust Prescribed-Time Leader-Follower Consensus Control with Partial Information. **2019**, 2

155 Distributed Fault Detection for A Class of Heterogeneous Agents with Internal Model Controllers. **2020**,

154 Two Consensus problems of Homogenous Multi-Agent Systems with Directed Topology: A Unified Viewpoint. **2020**,

153 Discrete-Time Sliding Mode Protocols for Leader-Following Consensus of Discrete Multi-Agent System with Switching Graph Topology. **2021**, 59-76

152 A Mixed-Initiative Formation Control Strategy for Multiple Quadrotors. **2021**, 10, 116 1

151 Introduction. **2020**, 1-27

150 Periodic event-triggered consensus control for multi-agent systems with switching jointly connected topologies. **2020**, 14, 3282-3290 3

149 Leading Cruise Control in Mixed Traffic Flow. **2020**, 4

148 Leader-follower non-fragile consensus of delayed fractional-order nonlinear multi-agent systems. **2022**, 414, 126688 0

147 Distributed Linear Quadratic Tracking Control for Leader-Follower Multi-Agent Systems: A Suboptimality Approach. **2020**, 53, 3469-3475

146 Output Feedback Consensus of Multi-agent Systems with Generalized Uniformly Joint-Connected Switching Networks. **2020**, 53, 3019-3024 1

145 Formation Control with Orientation Alignment and Constrained Input. **2020**, 53, 3397-3402

144 Event-Triggered Schemes for Leader-Following Consensus of Multi-agent Systems. **2020**, 1-42

- 143 Distributed Fault-Tolerant Cooperative Output Regulation for Multi-Agent Networks via Fixed-Time Observer and Adaptive Control. **2021**, 1-1 0
- 142 Chattering analysis on finite/fixed-time consensus of multi-agent systems. 1-10
- 141 Consensus of Linear Multi-Agent Systems in the Presence of Bounded Measurement Noises. **2020**,
- 140 Distributed Consensus Control of an Interconnected Leader-follower Multiagent System Under Switching Network. **2020**,
- 139 Distributed Observer for General Linear Leader Systems over Periodic Switching Digraphs. **2020**, 1
- 138 Leader-Following Consensus of Multi-agent Systems: New Results Based on a Linear Transformation Approach. **2021**, 36-47
- 137 Event-Triggered Control for Linear Multi-agent Systems Under DoS Attacks. **2021**, 326-335
- 136 Synchronization of nonlinear multi-agent systems via exact feedback linearization. **2020**, 2
- 135 Distributed Cooperative Output Regulation of Linear Heterogeneous Multi-Agent Systems. **2021**, 1-1
- 134 Leader-following consensus of linear multi-agent systems with strict negative imaginary uncertainties. **2021**,
- 133 Distributed consensus of linear multi-agent systems via decentralized output feedback control approach. **2021**,
- 132 Non-fragile consensus for uncertain fractional-order nonlinear multi-agent systems with state time delay. **2021**, 0
- 131 Group consensus of heterogeneous multi-agent systems with leader and time delay in switching networks based on delta operator method. **2021**,
- 130 Adaptive Dynamic Output Feedback Based Cooperative Tracking for Heterogeneous Multi-agent Systems. **2021**,
- 129 ??????????????????????????????????????. **2021**,
- 128 Leader-following Consensus of Fractional-order Multi-agent Systems with Feedback Control Protocol. **2021**,
- 127 Robust fixed-time connectivity preserving consensus of nonlinear multi-agent systems with disturbance. **2022**, 32, 1469 1
- 126 Consensus Conditions for a Class of Fractional-Order Nonlinear Multiagent Systems with Constant and Time-Varying Time Delays. **2021**, 2021, 1-9

- 125 Discrete-time finite-time consensus algorithm for first-order multi-agent systems. **2021,**
- 124 Adaptive distributed observer for general linear leader systems over periodic switching digraphs. **2021, 137, 110021** 2
- 123 Consensus Control for a Class of Linear Multiagent Systems using a Distributed Integral Sliding Mode Strategy. **2021, 359, 1086-1086** 0
- 122 A Low Gain Approach to Output Consensus of Networked Heterogeneous Linear Multi-Agent Systems. **2021, 59, 4295-4313**
- 121 Distributed Observer Design for Linear Systems to Achieve Omniscience Asymptotically Under Jointly Connected Switching Networks. **2021, PP,** 1
- 120 Digital Twin connectivity topologies. **2021, 54, 737-742** 0
- 119 Synchronization of a network composed of Hindmarsh-Rose neurons with stochastic disturbances. **2021, 54, 65-70**
- 118 Distributed Consensus of Multi-agent Systems with Switching Unconsensusable Topologies. **2020,**
- 117 Distributed Leader-follower Consensus of Multi-agent Systems with Unreliable Networks. **2020,** 1
- 116 A decentralized control approach to formation maneuvers in Multiple Unmanned Aerial Vehicles. **2020,**
- 115 Leader-following consensus of fractional-order multi-agent systems under switching topologies. **2020,**
- 114 Formation tracking for general high-order multiagent systems with discontinuous communications. **2020,**
- 113 Distributed Sweep Coverage Algorithm Using Workload Memory. **2021, 63-80**
- 112 Observer-based fault-tolerant leader-following control for multi-agent systems. **2021,**
- 111 Predefined-Time Tracking Control for Second-Order Leader-Following Multi-Agent Systems via Prescribed-Time Observers and Sliding Mode Control Strategy. **2021,** 1
- 110 Synchronization of a Network Composed of Stochastic Hindmarsh-Rose Neurons. **2021, 9, 2625** 3
- 109 Robust Consensus of Multiagent Dynamics with Transmission Constraints and Noises. **2022, 1-1** 1
- 108 Fixed-time Practical Consensus Tracking of Multi-agent Systems with Communication Delay. **2022, 1-1** 1

- 107 Passivity-based formation control for second-order multi-agent systems with linear or nonlinear coupling. 1-0 0
- 106 Triggered finite-time consensus of first-order multi-agent systems with input saturation.
- 105 Sliding mode formation control of leaderless unmanned surface vehicles with environmental disturbances. **2022**, 244, 110301 3
- 104 New Conditions for Consensus of Second-Order Multi-agent Systems. 1
- 103 Leader-Following Synchronization Control of Multiple Electrohydraulic Actuators Under Switching Network Topologies. **2022**, 144,
- 102 Bipartite consensus for second-order multi-agent systems with external disturbances via constraint data-sampled impulsive method. **2022**, 109, 106314 0
- 101 Peer selection in opinion dynamics on signed social networks with stubborn individuals. **2022**, 477, 104-113 0
- 100 Distributed Adaptive Tracking Control for High-Order Nonlinear Multi-Agent Systems over Event-Triggered Communication. **2022**, 1-1 7
- 99 Network-Based Consensus of Multi-agent Systems. **2022**, 17-29
- 98 Reset control for leader-following consensus of multi-agent systems.. **2022**,
- 97 Observer-based quadratic boundedness leader-following control for multi-agent systems. 1-0 0
- 96 Distributed deformable configuration control for multi-robot systems with low-cost platforms. 1 0
- 95 Formation control for unmanned surface vessels: A game-theoretic approach. **2022**, 24, 498-509 1
- 94 Data-driven consensus control for a class of unknown nonlinear multiagent systems with time delays. **2022**, 16, 698-717
- 93 Synchronous Control of Multiple Electrohydraulic Actuators under Distributed Switching Topologies with Lumped Uncertainty. **2022**, 359, 4288-4288 0
- 92 Nash Bargaining Solution for the Formation Control Problem. **2021**,
- 91 Distributed Adaptive Controller for Output-Synchronization of Networked Strict Feedback Systems with Dead-Zone Nonlinearity with Application in the Voltage Equalization Control of Ultra-Capacitor Type Power Source. **2021**,
- 90 Mean square and almost sure consensus of heterogeneous multi-agent systems with multiplicative noise. **2022**, 32, 2399-2419 0

- 89 Event-triggered exponential output synchronization of heterogeneous multi-agent systems over directed switching networks. **2021**, 0
- 88 Prevalence of Multi-Agent System Consensus in Cloud Computing. **2022**, 55-86
- 87 Consensus of Second-Order Heterogeneous Hybrid Multiagent Systems via Event-Triggered Protocols. **2022**, 2022, 1-16
- 86 Cooperative Tracking Control of the Multiple-High-Speed Trains System Using a Tunable Artificial Potential Function. **2022**, 2022, 1-11
- 85 Distributed robust adaptive formation control of fixed-wing UAVs with unknown uncertainties and disturbances. **2022**, 126, 107600 1
- 84 Leader-Following Cluster Consensus as a Graphical Differential Game With a Nash Equilibrium Solution. **2022**, 6, 2713-2718 0
- 83 Fixed-time scaled consensus of multi-agent systems with input delay. **2022**, 2
- 82 Two Consensus Problems. **2022**, 39-67
- 81 Introduction. **2022**, 1-20
- 80 Consensus of Multi-Agent Systems with Switching Disconnected Topologies via Elementary-Unit-Based Dwell Time Approach. **2022**, 2022, 1-12 1
- 79 Adaptive Neural Design of Consensus Controllers for Nonlinear Multiagent Systems Under Switching Topologies. **2022**, 1-12
- 78 Optimal Leader-Following Consensus Control of Multi-Agent Systems: A Neural Network Based Graphical Game Approach. **2022**, 1-12
- 77 Noise-induced consensus of leader-following multi-agent systems. **2022**,
- 76 A Sliding Mode based Finite-Time Consensus Protocol for Heterogeneous Multi Agent UAS. **2022**, 1
- 75 Convergence of Metropolis-Hastings Algorithm with Optimal Mixing Parameter in Bipartite Regular Graphs. **2022**, 484-498 1
- 74 Consensus in Operational Space for Robotic Manipulators with Task and Input Constraints. **2022**,
- 73 Development of Algorithm for Guiding the Swarm of Unmanned Aerial Vehicles. **2022**, 0
- 72 Dynamic event-triggered strategies for tracking control of directed multi-agent systems with Lipschitz nonlinear dynamics. 0

- 71 Leader-following consensus of stochastic dynamical multi-agent systems with fixed and switching topologies under proportional-integral protocols.
- 70 Leaderless maneuver guidance and event-triggered formation control for distributed multi-space-robot systems.
- 69 Bipartite consensus problems of directed signed networks with saturating input. **2022**,
- 68 Bearing formation control under switching graph topologies. **2022**, 1
- 67 Containment Control of Fractional-Order Multi-Agent Systems with Different Fractional Orders.
- 66 Cooperative tracking problem of unknown discrete-time MIMO multi-agent systems with switching topologies.
- 65 Mean Square Consensus of General Linear Multiagent Systems with Communication Noises under Switching Topologies. **2022**, 2022, 1-9 0
- 64 Secure consensus with partial public protocols. **2022**, 145, 110527 1
- 63 Leader-Following Consensus Considering Effects of Agents on Each Other via Impulsive Control: A Topology Dependent Average Dwell Time Approach. **2022**, 0
- 62 On Discrete-Time Convergence for General Linear Multi-agent Systems Under Dynamic Topology. **2022**, 1263-1281 0
- 61 Consensus of Multi-agent Systems with Intermittent Communication via Extended State Observer. **2022**, 1-1 0
- 60 Event-Triggered Schemes for Leader- Following Consensus of Multi-agent Systems. **2022**, 1403-1444 0
- 59 Time-Varying Formation Control Under Switching Interaction Topologies Theories and Applications. **2022**, 1333-1367 0
- 58 Event-triggered fault-tolerant leader-following control for homogeneous multi-agent systems. **2022**, 55, 79-84 0
- 57 Adaptive Distributed Sliding Mode Control for Multiple Unmanned Aerial Vehicles with Prescribed Performance. **2022**, 1-10 0
- 56 Introduction. **2022**, 1-19 0
- 55 Group Consensus Control for Networked Lagrange Systems Under the Switching Parameters and Topology Based on Average Dwell Time Approach. **2022**, 751-759 0
- 54 Distributed Observer-based Fault-tolerant Leader-following Control of Multi-agent Systems. **2022**, 55, 691-697 0

53	Distributed Observer-Based Adaptive Fuzzy Consensus of Nonlinear Multiagent Systems Under DoS Attacks and Output Disturbance. 2022 , 1-11	1
52	Distributed Topology-preserving Collaboration Algorithm against Inference Attack. 2022 ,	0
51	Sample-data Consensus of Position Synchronization in Static Directed Networks. 2022 ,	0
50	Guaranteed Cost Consensus for a Class of Fractional-order Uncertain Multi-agent Systems with State Time Delay.	0
49	Bipartite Containment Control for Multiagent Systems with Adaptive Quantization Information. 2022 , 2022, 1-10	0
48	Introduction. 2023 , 1-13	0
47	Event-Triggered Leader-Following Consensus Analysis. 2023 , 15-33	0
46	Fully distributed event-triggered protocols for stochastic multi-agent systems.	0
45	Fully distributed prescribed performance formation control for UAVs with unknown maneuver of leader. 2022 , 130, 107886	0
44	Partial State Consensus Integral Reinforcement Learning for Large-scale Systems within Process Networks. 2022 ,	0
43	Output synchronization of heterogeneous multi-agent systems under switching topologies with an exponentially unstable leader. 2022 ,	0
42	Leader-following consensus for linear multi-agent systems with measurement noises. 2022 ,	0
41	Adaptive time-varying formation tracking for multi-agent systems with input saturation via low-gain feedback approach. 014233122211250	0
40	Target Enclosing and Coverage Control for Quadrotors with Constraints and Time-Varying Delays: A Neural Adaptive Fault-Tolerant Formation Control Approach. 2022 , 22, 7497	0
39	Platoon Control of Connected Vehicles with Heterogeneous Model Structures Considering External Disturbances. 2022 , 100038	0
38	An edge-based augmented system approach for second-order nodal consensus. 2023 , 147, 110675	0
37	Distributed Gaussian Process Based Cooperative Visual Pursuit Control for Drone Networks. 2022 , 55, 126-131	0
36	Distributed Output-Feedback Bipartite Consensus for Stochastic Nonlinear Multiagent Systems Under Directed Switching Networks. 2022 , 1-10	0

35	Distributed dynamic event-triggered control on bipartite tracking consensus of linear multi-agent system in the cooperation-competition network. 2022,	0
34	Relative controllability of multi-agent systems with input delay and switching topologies. 2023, 171, 105432	0
33	Relative controllability of nonlinear delayed multi-agent systems. 1-10	0
32	Control Synchronization Design of a Multiple Electrohydraulic Actuator System with Linearization Dynamics and an External Disturbance Observer. 2022, 11, 3925	0
31	3D hybrid formation control of an underwater robot swarm: Switching topologies, unmeasurable velocities, and system constraints. 2022,	1
30	Stabilization of Series Heat Equations with One Boundary Control.	0
29	Event-triggered H _∞ Leader-follower Consensus for Nonlinear Multi-agent Systems with Fixed and Switching Network Topologies. 2022,	0
28	Leader-Following Consensus of Multi-order Fractional Multi-agent Systems.	0
27	Fault-Tolerant Formation Control for Multiple Stochastic AUV System under Markovian Switching Topologies. 2023, 11, 159	0
26	Bipartite consensus for high-order nonlinear multi-agent systems via event-triggered/self-triggered control. 2023, 172, 105439	0
25	Leader-following consensus of linear multi-agent systems via reset control: A time-varying systems approach. 2023, 149, 110824	0
24	Distributed Platoon Control of Connected Vehicles Based on Input-to-state String Stability. 2022,	0
23	Discrete-Time Output Feedback under Bounded Actuators: Single and Multi-agent Problems. 2022,	0
22	On Generalized Homogeneous Leader-Following Consensus. 2022,	0
21	Distributed Adaptive Output Feedback Consensus Tracking of Uncertain Multi-Agent Systems with Communication Delays and Switching Typologies. 2022,	0
20	Smart-Leader-Based Distributed Charging Control of Battery Energy Storage Systems Considering SoC Balance. 2023, 9, 18	0
19	Leader-following consensus of a class of heterogeneous uncertain multi-agent systems with a distributed model reference adaptive control law.	0
18	Consensus-Based Tracking Control of Energy Storage for Microgrid Energy Management. 2022,	0

- 17 Fault-tolerant containment control for multi-agent systems with jointly connected topologies. **2022**, ○
- 16 Fully distributed dynamic event-triggered output regulation for heterogeneous linear multiagent systems under fixed and switching topologies. ○
- 15 Regional Consensus Control for Multi-Agent Systems with Actuator Saturation. **2023**, 11, 1038 ○
- 14 Output-based adaptive distributed observer for general linear leader systems over periodic switching digraphs. **2023**, 3, ○
- 13 Distributed adaptive controller for the cooperative control of networked parametric strict feedback systems. 095965182311589 ○
- 12 Distributed bipartite output containment control of heterogeneous multi-agent systems with directed signed graphs. 1-14 ○
- 11 Fully distributed leader-follower consensus for multi-agent systems based on reduced-order adaptive feedback protocol. 014233122311566 ○
- 10 Leader-follower consensus for nonlinear multi-agent systems with unknown measurement sensitivities. 1-13 ○
- 9 Consensus Tracking for Fractional-Order Multi-Agent Systems by Distributed Event-Triggered Control. **2022**, ○
- 8 Lead-Time Average Consensus of Multi-agent Systems. **2022**, ○
- 7 Achieving distributed consensus for networked uncertain Euler-Lagrange systems with average dwell time approach. ○
- 6 Distributed Adaptive Output Consensus of Unknown Heterogeneous Non-Minimum Phase Multi-Agent Systems. **2023**, 10, 997-1008 ○
- 5 Consensus control of semi-Markov jump topology multiple direct-drive motion system. ○
- 4 Dynamic event-triggered leader-following consensus of nonlinear multi-agent systems with measurement noises. ○
- 3 Consensus Control of Multi-Hopping-Rover Systems: Convergence Analysis. **2023**, 11, 36176-36183 ○
- 2 Fractional-Order Nonlinear Multi-Agent Systems: A Resilience-Based Approach to Consensus Analysis with Distributed and Input Delays. **2023**, 7, 322 ○
- 1 Terminal sliding mode observer based dynamic surface quasi-synchronization control of multiple electro-hydraulic systems under compositive outputs constraint. ○