

Yingmin Jia

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

204
papers

6,241
citations

42
h-index

73
g-index

226
ext. papers

7,843
ext. citations

3.2
avg, IF

6.76
L-index

#	Paper	IF	Citations
204	Distributed robust consensus control in directed networks of agents with time-delay. <i>Systems and Control Letters</i> , 2008 , 57, 643-653	2.4	411
203	Consensus of second-order discrete-time multi-agent systems with nonuniform time-delays and dynamically changing topologies. <i>Automatica</i> , 2009 , 45, 2154-2158	5.7	379
202	Average consensus in networks of multi-agents with both switching topology and coupling time-delay. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 303-313	3.3	241
201	Consensus of a Class of Second-Order Multi-Agent Systems With Time-Delay and Jointly-Connected Topologies. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 778-784	5.9	231
200	Robust control with decoupling performance for steering and traction of 4WS vehicles under velocity-varying motion. <i>IEEE Transactions on Control Systems Technology</i> , 2000 , 8, 554-569	4.8	212
199	. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3755-3770	5.9	202
198	Robust sliding-mode control for uncertain time-delay systems: an LMI approach. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1086-1092	5.9	168
197	Alternative proofs for improved LMI representations for the analysis and the design of continuous-time systems with polytopic type uncertainty: a predictive approach. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 1413-1416	5.9	164
196	An iterative learning approach to formation control of multi-agent systems. <i>Systems and Control Letters</i> , 2012 , 61, 148-154	2.4	131
195	Adaptive finite-time bipartite consensus for second-order multi-agent systems with antagonistic interactions. <i>Systems and Control Letters</i> , 2017 , 102, 22-31	2.4	120
194	H _∞ consensus control of multi-agent systems with switching topology: a dynamic output feedback protocol. <i>International Journal of Control</i> , 2010 , 83, 527-537	1.5	103
193	On iterative learning algorithms for the formation control of nonlinear multi-agent systems. <i>Automatica</i> , 2014 , 50, 291-295	5.7	100
192	Multi-agent consensus with diverse time-delays and jointly-connected topologies. <i>Automatica</i> , 2011 , 47, 848-856	5.7	98
191	H-infinity filtering for a class of nonlinear discrete-time systems based on unscented transform. <i>Signal Processing</i> , 2010 , 90, 3301-3307	4.4	91
190	Distributed rotating formation control of multi-agent systems. <i>Systems and Control Letters</i> , 2010 , 59, 587-595	2.4	88
189	Finite-time attitude tracking control for a rigid spacecraft using time-varying terminal sliding mode techniques. <i>International Journal of Control</i> , 2015 , 88, 1150-1162	1.5	85
188	2009 ,		81

187	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
186	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
185	Location of Mobile Station With Maneuvers Using an IMM-Based Cubature Kalman Filter. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 4338-4348	8.9	74
184	Robust consensus tracking control for multiagent systems with initial state shifts, disturbances, and switching topologies. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 809-24	10.3	72
183	Stability analysis for stochastic differential equations with infinite Markovian switchings. <i>Journal of Mathematical Analysis and Applications</i> , 2016 , 435, 593-605	1.1	68
182	Robust unscented Kalman filter with adaptation of process and measurement noise covariances 2016 , 48, 93-103		66
181	Formation control for multi-agent systems through an iterative learning design approach. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 340-361	3.6	65
180	Consensus problem of high-order multi-agent systems with external disturbances: An H _∞ analysis approach. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 1579-1593	3.6	64
179	Fixed-time consensus tracking control for second-order multi-agent systems with bounded input uncertainties via NFFTSM. <i>IET Control Theory and Applications</i> , 2017 , 11, 2900-2909	2.5	63
178	Neural network-based adaptive consensus tracking control for multi-agent systems under actuator faults. <i>International Journal of Systems Science</i> , 2016 , 47, 1931-1942	2.3	60
177	Neural network-based distributed adaptive attitude synchronization control of spacecraft formation under modified fast terminal sliding mode. <i>Neurocomputing</i> , 2016 , 171, 230-241	5.4	59
176	Decentralized adaptive attitude synchronization control for spacecraft formation using nonsingular fast terminal sliding mode. <i>Nonlinear Dynamics</i> , 2014 , 78, 2779-2794	5	59
175	Distributed Kalman consensus filter with intermittent observations. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3764-3781	4	58
174	An Improvement on Resampling Algorithm of Particle Filters. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 5414-5420	4.8	57
173	Boundary cooperative control by flexible Timoshenko arms. <i>Automatica</i> , 2017 , 81, 377-389	5.7	55
172	Finite-time observers for multi-agent systems without velocity measurements and with input saturations. <i>Systems and Control Letters</i> , 2014 , 68, 86-94	2.4	54
171	Robust H _∞ consensus control of uncertain multi-agent systems with time delays. <i>International Journal of Control, Automation and Systems</i> , 2011 , 9, 1086-1094	2.9	54
170	Distributed containment control of second-order multi-agent systems with inherent non-linear dynamics. <i>IET Control Theory and Applications</i> , 2014 , 8, 277-287	2.5	53

169	H ∞ consensus control for multi-agent systems with linear coupling dynamics and communication delays. <i>International Journal of Systems Science</i> , 2012 , 43, 50-62	2.3	53
168	Event-triggered Kalman consensus filter over sensor networks. <i>IET Control Theory and Applications</i> , 2016 , 10, 103-110	2.5	51
167	Adaptive Fixed-Time Six-DOF Tracking Control for Noncooperative Spacecraft Fly-Around Mission. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 1796-1804	4.8	51
166	Robust Consensus Algorithms for Multiscale Coordination Control of Multivehicle Systems With Disturbances. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 1107-1119	8.9	47
165	State Estimation for Stochastic Complex Networks With Switching Topology. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6377-6384	5.9	47
164	Gaussian mixture PHD filter for jump Markov models based on best-fitting Gaussian approximation. <i>Signal Processing</i> , 2011 , 91, 1036-1042	4.4	46
163	Fixed-time consensus tracking control of second-order multi-agent systems with inherent nonlinear dynamics via output feedback. <i>Nonlinear Dynamics</i> , 2018 , 91, 1289-1306	5	46
162	Nonlinear finite-time bipartite consensus protocol for multi-agent systems associated with signed graphs. <i>International Journal of Control</i> , 2015 , 88, 2074-2085	1.5	42
161	Finite-time consensus for second-order stochastic multi-agent systems with nonlinear dynamics. <i>Applied Mathematics and Computation</i> , 2015 , 270, 278-290	2.7	42
160	Robust Discrete-Time Iterative Learning Control for Nonlinear Systems With Varying Initial State Shifts. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 2626-2631	5.9	40
159	Consensus in networked multi-agent systems via sampled control: Switching topology case 2009 ,		39
158	Distributed control of multi-agent systems with second-order agent dynamics and delay-dependent communications. <i>Asian Journal of Control</i> , 2008 , 10, 254-259	1.7	39
157	Adaptive fixed-time relative position tracking and attitude synchronization control for non-cooperative target spacecraft fly-around mission. <i>Journal of the Franklin Institute</i> , 2017 , 354, 8461-8489	4.89	38
156	Distributed filtering for discrete-time linear systems with fading measurements and time-correlated noise 2017 , 60, 211-219		37
155	Data-driven control for relative degree systems via iterative learning. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2213-25		36
154	Distributed Multiple-Model Estimation for Simultaneous Localization and Tracking With NLOS Mitigation. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2824-2830	6.8	35
153	Robust adaptive fixed-time tracking control of 6-DOF spacecraft fly-around mission for noncooperative target. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2598-2618	3.6	34
152	Distributed consensus extended Kalman filter: a variance-constrained approach. <i>IET Control Theory and Applications</i> , 2017 , 11, 382-389	2.5	33

151	Contact-Force Control of a Flexible Timoshenko Arm in Rigid/Soft Environment. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2546-2553	5.9	32
150	Indoor localization for mobile robots using lampshade corners as landmarks: Visual system calibration, feature extraction and experiments. <i>International Journal of Control, Automation and Systems</i> , 2014 , 12, 1313-1322	2.9	32
149	Consensus seeking via iterative learning for multi-agent systems with switching topologies and communication time-delays. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3772-3790	3.6	32
148	Sliding mode based scaled consensus control for linear multi-agent systems with disturbances. <i>Applied Mathematics and Computation</i> , 2017 , 292, 375-389	2.7	31
147	Fixed-time consensus protocols for multi-agent systems with linear and nonlinear state measurements. <i>Nonlinear Dynamics</i> , 2015 , 82, 1683-1690	5	30
146	Variance-Constrained State Estimation for Nonlinearly Coupled Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 818-824	10.2	30
145	PHD filter for multi-target tracking with glint noise. <i>Signal Processing</i> , 2014 , 94, 48-56	4.4	29
144	Formation control of discrete-time multi-agent systems by iterative learning approach. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 913-919	2.9	29
143	Robust Design of a Class of Time-Delay Iterative Learning Control Systems With Initial Shifts. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2009 , 56, 1744-1757	3.9	28
142	Data-driven consensus control for networked agents: an iterative learning control-motivated approach. <i>IET Control Theory and Applications</i> , 2015 , 9, 2084-2096	2.5	27
141	Multi-objective output feedback control for autonomous spacecraft rendezvous. <i>Journal of the Franklin Institute</i> , 2014 , 351, 2804-2821	4	27
140	Distributed Kalman consensus filter with event-triggered communication: Formulation and stability analysis. <i>Journal of the Franklin Institute</i> , 2017 , 354, 5486-5502	4	26
139	Recursive state estimation for complex networks with random coupling strength. <i>Neurocomputing</i> , 2017 , 219, 1-8	5.4	26
138	Tracking algorithms for multiagent systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1660-76	10.3	24
137	Finite-Time Synchronous Control for Multiple Manipulators With Sensor Saturations and a Constant Reference. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1159-1165	4.8	24
136	Gaussian mixture PHD filter for multi-sensor multi-target tracking with registration errors. <i>Signal Processing</i> , 2013 , 93, 86-99	4.4	24
135	Distributed extended Kalman filter with nonlinear consensus estimate. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7983-7995	4	23
134	Robust formation control of discrete-time multi-agent systems by iterative learning approach. <i>International Journal of Systems Science</i> , 2015 , 46, 625-633	2.3	23

133	Distributed finite-time output feedback synchronisation control for six DOF spacecraft formation subject to input saturation. <i>IET Control Theory and Applications</i> , 2018 , 12, 532-542	2.5	23
132	Robust learning controller design for MIMO stochastic discrete-time systems: An H _∞ -based approach. <i>International Journal of Adaptive Control and Signal Processing</i> , 2011 , 25, 653-670	2.8	23
131	Tobit Kalman filter with time-correlated multiplicative measurement noise. <i>IET Control Theory and Applications</i> , 2017 , 11, 122-128	2.5	22
130	Variance-constrained state estimation for nonlinear complex networks with uncertain coupling strength 2017 , 67, 107-115		21
129	Adaptive consensus protocol for networks of multiple agents with nonlinear dynamics using neural networks. <i>Asian Journal of Control</i> , 2012 , 14, 1328-1339	1.7	21
128	Robust iterative learning protocols for finite-time consensus of multi-agent systems with interval uncertain topologies. <i>International Journal of Systems Science</i> , 2015 , 46, 857-871	2.3	20
127	Finite-time output feedback attitude stabilisation for rigid spacecraft with input constraints. <i>IET Control Theory and Applications</i> , 2016 , 10, 1740-1750	2.5	19
126	Partly adaptive elastic net and its application to microarray classification. <i>Neural Computing and Applications</i> , 2013 , 22, 1193-1200	4.8	19
125	High-precision formation control of nonlinear multi-agent systems with switching topologies: A learning approach. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1993-2018	3.6	19
124	Constant thrust fuel-optimal control for spacecraft rendezvous. <i>Advances in Space Research</i> , 2012 , 49, 1140-1150	2.4	19
123	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3259-3272	3.7	18
122	Decoupling control in velocity-varying four-wheel steering vehicles with H _∞ -performance by longitudinal velocity and yaw rate feedback. <i>Vehicle System Dynamics</i> , 2014 , 52, 1563-1583	2.8	18
121	Task-Space Synchronization of Networked Mechanical Systems With Uncertain Parameters and Communication Delays. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2288-2298	10.2	18
120	Input-Output finite-time mean square stabilisation of stochastic systems with Markovian jump. <i>International Journal of Systems Science</i> , 2014 , 45, 325-336	2.3	18
119	Stability of varying two-dimensional Roesser systems and its application to iterative learning control convergence analysis. <i>IET Control Theory and Applications</i> , 2015 , 9, 1221-1228	2.5	17
118	Resilient Filtering for Nonlinear Complex Networks With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2522-2528	5.9	17
117	Integrated robust adaptive tracking control of non-cooperative fly-around mission subject to input saturation and full state constraints. <i>Aerospace Science and Technology</i> , 2018 , 79, 233-245	4.9	17
116	Finite-time attitude stabilisation for a class of stochastic spacecraft systems. <i>IET Control Theory and Applications</i> , 2015 , 9, 1320-1327	2.5	16

115	Event-triggered consensus control for uncertain multi-agent systems with external disturbance. <i>International Journal of Systems Science</i> , 2019 , 50, 130-140	2.3	16
114	Distributed adaptive containment control for second-order multi-agent systems via NTSM. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5327-5341	4	15
113	Nonlinear decoupling control of four-wheel-steering vehicles with an observer. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 697-702	2.9	15
112	Multi-agent iterative learning control with communication topologies dynamically changing in two directions. <i>IET Control Theory and Applications</i> , 2013 , 7, 261-270	2.5	15
111	Initial shift problem for robust iterative learning control systems with polytopic-type uncertainty. <i>International Journal of Systems Science</i> , 2010 , 41, 825-838	2.3	15
110	General solution to diagonal model matching control of multiple-output-delay systems and its applications in adaptive scheme. <i>Progress in Natural Science: Materials International</i> , 2009 , 19, 79-90	3.6	15
109	Constrained Optimal Placements of Heterogeneous Range/Bearing/RSS Sensor Networks for Source Localization with Distance-Dependent Noise. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1611-1615	4.1	14
108	Combined Vector Field Approach for 2D and 3D Arbitrary Twice Differentiable Curved Path Following with Constrained UAVs. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2016 , 83, 133-160	2.9	14
107	On Weak-Invariance Principles for Nonlinear Switched Systems. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1600-1605	5.9	14
106	Robust state estimation for jump Markov linear systems with missing measurements. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1476-1487	4	14
105	Necessary and sufficient stability condition of LTV iterative learning control systems using a 2-D approach. <i>Asian Journal of Control</i> , 2011 , 13, 25-37	1.7	14
104	Non-augmented state estimation for nonlinear stochastic coupling networks. <i>Automatica</i> , 2017 , 78, 119-122	3.72	13
103	Adaptive coordinated control of uncertain free-floating space manipulators with prescribed control performance. <i>Nonlinear Dynamics</i> , 2019 , 97, 1541-1566	5	13
102	Adaptive consensus control for multiple Euler-Lagrange systems with external disturbance. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 205-211	2.9	12
101	HL Approach to monotonically convergent ILC for uncertain time-varying delay systems. <i>International Journal of Systems Science</i> , 2015 , 46, 209-217	2.3	12
100	Recursive filtering for complex networks using non-linearly coupled UKF. <i>IET Control Theory and Applications</i> , 2018 , 12, 549-555	2.5	12
99	TOA-based cooperative localization for mobile stations with NLOS mitigation. <i>Journal of the Franklin Institute</i> , 2016 , 353, 1297-1312	4	12
98	Finite-time consensus protocols for networks of dynamic agents by terminal iterative learning. <i>International Journal of Systems Science</i> , 2014 , 45, 2435-2446	2.3	12

97	Robust L_2 consensus control for uncertain high-order multi-agent systems with time-delay. <i>International Journal of Systems Science</i> , 2014 , 45, 427-438	2.3	12
96	Adaptive filtering for jump Markov systems with unknown noise covariance. <i>IET Control Theory and Applications</i> , 2013 , 7, 1765-1772	2.5	12
95	Distributed consensus filtering for jump Markov linear systems. <i>IET Control Theory and Applications</i> , 2013 , 7, 1659-1664	2.5	12
94	Adaptive huberized support vector machine and its application to microarray classification. <i>Neural Computing and Applications</i> , 2011 , 20, 123-132	4.8	12
93	Sliding Mode Boundary Control for a Planar Two-link Rigid-flexible Manipulator with Input Disturbances. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 351-362	2.9	12
92	Adaptive finite time distributed 6-DOF synchronization control for spacecraft formation without velocity measurement. <i>Nonlinear Dynamics</i> , 2019 , 95, 2275-2291	5	11
91	Event-based Consensus Control of Multi-agent Systems by L_1 Theory. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1254-1262	2.9	11
90	Monotonically convergent ILC systems designed using bounded real lemma. <i>International Journal of Systems Science</i> , 2012 , 43, 2062-2071	2.3	10
89	Bipartite coordination problems on networks of multiple mobile agents. <i>Journal of the Franklin Institute</i> , 2015 , 352, 4698-4720	4	8
88	Precompensation decoupling control with H_∞ performance for 4WS velocity-varying vehicles. <i>International Journal of Systems Science</i> , 2016 , 47, 3864-3875	2.3	8
87	Feedback iterative learning control for time-delay systems based on 2D analysis approach. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 457-463		8
86	Modeling and input-output decoupling of hypersonic vehicles. <i>International Journal of Control, Automation and Systems</i> , 2015 , 13, 156-166	2.9	7
85	Modeling and robust decoupling control for hypersonic scramjet vehicle. <i>Artificial Life and Robotics</i> , 2013 , 18, 58-63	0.6	7
84	Coordination learning control for groups of mobile agents. <i>Journal of the Franklin Institute</i> , 2013 , 350, 2183-2211	4	7
83	State estimation for on-off nonlinear stochastic coupling networks with time delay. <i>Neurocomputing</i> , 2017 , 219, 68-75	5.4	7
82	Distributed multiple model estimation for jump Markov linear systems with missing measurements. <i>International Journal of Systems Science</i> , 2014 , 45, 1484-1495	2.3	7
81	Delay distribution dependent stability criteria for interval time-varying delay systems. <i>Journal of the Franklin Institute</i> , 2012 , 349, 3142-3158	4	7
80	Robust transcale state estimation for multiresolution discrete-time systems based on wavelet transform. <i>IET Signal Processing</i> , 2013 , 7, 228-238	1.7	7

79	Finite-time disturbance attenuation of nonlinear systems. <i>Science in China Series F: Information Sciences</i> , 2009 , 52, 2163-2171		7
78	Attenuating diagonal decoupling with robustness for velocity-varying 4WS vehicles. <i>Control Engineering Practice</i> , 2016 , 56, 49-59	3.9	7
77	State estimation for nonlinearly coupled complex networks with application to multi-target tracking. <i>Neurocomputing</i> , 2018 , 275, 1884-1892	5.4	7
76	RSS-based joint detection and tracking in mixed LOS and NLOS environments 2015 , 43, 38-46		6
75	Forming and keeping fast fly-around under constant thrust. <i>Advances in Space Research</i> , 2011 , 48, 1421-1431	4.4	6
74	A new support vector machine for microarray classification and adaptive gene selection 2009 ,		6
73	Active collision avoidance maneuver under constant thrust. <i>Advances in Space Research</i> , 2011 , 48, 349-364	4.4	6
72	Boundary control and exponential stability of a flexible Timoshenko beam manipulator with measurement delays. <i>IET Control Theory and Applications</i> , 2020 , 14, 499-510	2.5	6
71	Tangent vector field approach for curved path following with input saturation. <i>Systems and Control Letters</i> , 2017 , 104, 49-58	2.4	5
70	Non-linear velocity observer for vehicles with tyre-road friction estimation. <i>International Journal of Systems Science</i> , 2018 , 49, 1403-1418	2.3	5
69	Transcale average consensus of directed multi-vehicle networks with fixed and switching topologies. <i>International Journal of Control</i> , 2017 , 90, 2098-2110	1.5	5
68	Event-triggered state estimator for stochastic systems with unknown inputs. <i>IET Signal Processing</i> , 2017 , 11, 165-170	1.7	5
67	Analytical solutions to the matrix inequalities in the robust control scheme based on implicit Lyapunov function for spacecraft rendezvous on elliptical orbit. <i>IET Control Theory and Applications</i> , 2017 , 11, 1983-1991	2.5	5
66	Constant thrust collision avoidance maneuver under thruster failure. <i>Advances in Space Research</i> , 2012 , 49, 373-385	2.4	5
65	Rao-Blackwellised particle filtering and smoothing for jump Markov non-linear systems with mode observation. <i>IET Signal Processing</i> , 2013 , 7, 327-336	1.7	5
64	Robust H_2/H_∞ group consensus control for linear clusters over signed digraphs. <i>Journal of the Franklin Institute</i> , 2020 , 357, 7556-7580	4	5
63	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 3302-3310	3.7	5
62	Extensions of weak-invariance principle for nonlinear switched systems with time-invariant and time-varying subsystems. <i>Systems and Control Letters</i> , 2015 , 80, 23-29	2.4	4

61	Anticipatory approach to design robust iterative learning control for uncertain time-delay systems. <i>Asian Journal of Control</i> , 2011 , 13, 38-53	1.7	4
60	Column formation control of multi-robot systems with input constraints 2011 ,		4
59	Distributed leadless coordination for networks of second-order agents with time-delay on switching topology 2008 ,		4
58	Iterative learning formation control for continuous-time multi-agent systems with randomly varying trial lengths. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9268-9287	4	4
57	Nonlinear robust H ∞ tracking control for 6 DOF spacecraft formation with input saturation 2016 ,		4
56	Output feedback robust H ∞ control for spacecraft rendezvous system subject to input saturation: A gain scheduled approach. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3899-3921	4	3
55	Distributed Kalman Filter for Multitarget Tracking Systems With Coupled Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-6	7.3	3
54	Robust H ∞ control for spacecraft formation flying with coupled translational and rotation dynamics 2016 ,		3
53	Adaptive Control of a Hose and Drogue System with Input Nonlinearities and Partial State Constraints. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2508-2520	2.9	3
52	Parameter optimization for decoupling controllers of 4WS vehicles. <i>Artificial Life and Robotics</i> , 2013 , 18, 64-69	0.6	3
51	Decoupling and robust control of velocity-varying four-wheel steering vehicles with uncertainties via solving Attenuating Diagonal Decoupling problem. <i>Journal of the Franklin Institute</i> , 2017 , 354, 105-122	1.4	3
50	Static state feedback triangular block decoupling for arbitrary systems: a state-space method. <i>International Journal of Control</i> , 2017 , 90, 1428-1436	1.5	3
49	Two alternative approaches to stochastic discrete-time iterative learning control systems 2011 ,		3
48	Delay-dependent robust H $_2$ /H ∞ control for time-delay systems with polytopic uncertainty. <i>Asian Journal of Control</i> , 2010 , 12, 661-666	1.7	3
47	Modeling And Robust Pi Control Of A Fluidized Bed Combustor For Sewage Sludge. <i>Asian Journal of Control</i> , 2008 , 4, 482-493	1.7	3
46	Flocking for swarm systems with fixed topology in a changing environment. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 333-339		3
45	Variable-poled Tracking Control of a Two-wheeled Mobile Robot Using Differential Flatness. <i>Journal of Robotics, Networking and Artificial Life</i> , 2014 , 1, 12	0.7	3
44	Robust Adaptive Attitude Synchronization of Uncertain Rigid Bodies on Special Orthogonal Group with Communication Delays and Gyro Biases. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2769-2783	2.9	2

43	Trajectory Planning of Free-Floating Space Manipulators With Spacecraft Attitude Stabilization and Manipulability Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-17	7.3	2
42	Robust H_∞ consensus control of uncertain multi-agent systems with nonlinear dynamics and time-varying delays 2014 ,		2
41	Vector-Based Adaptive Attitude Observer and Controller on Special Orthogonal Group. <i>Asian Journal of Control</i> , 2017 , 19, 748-764	1.7	2
40	Evaluation of Initial Input Effects on Discrete-Time Stochastic Iterative Learning Control. <i>Asian Journal of Control</i> , 2013 , 15, 1833-1843	1.7	2
39	Robust H_2/H_∞ control for time-delay systems with polytopic uncertainty. <i>Asian Journal of Control</i> , 2009 , 11, 11-20	1.7	2
38	Tracking control for first-order multi-agent systems. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2008 , 3, 283-289		2
37	Attitude Reorientation of Spacecraft with Attitude Forbidden Zones. <i>Journal of Robotics, Networking and Artificial Life</i> , 2015 , 2, 13	0.7	2
36	Bipartite Consensus and Distributed Boundary Control for Multiple Flexible Manipulators Associated With Signed Digraph. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	2
35	Strict Lyapunov Functions for Homogeneous Time-Varying Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	1
34	Adaptive output feedback tracking control for 6 DOF spacecraft formation flying under actuator faults 2015 ,		1
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