

# Yingmin Jia

## List of Publications by Year in descending order

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225  
papers

8,678  
citations

41344

49  
h-index

51608

86  
g-index

226  
all docs

226  
docs citations

226  
times ranked

4102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Containment Control With Different Constraints. IEEE Transactions on Control of Network Systems, 2023, 10, 579-585.	3.7	1
2	Finite-Level Quantized Min-Consensus Control Based on Encoding-Decoding. IEEE Transactions on Cybernetics, 2023, 53, 6788-6802.	9.5	0
3	Constrained Attitude Control of Uncertain Spacecraft With Appointed-Time Control Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 178-190.	9.3	4
4	Bipartite Consensus and Distributed Boundary Control for Multiple Flexible Manipulators Associated With Signed Digraph. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3005-3014.	9.3	10
5	Robust Fixed-Time Attitude Stabilization of Flexible Spacecraft via Active Disturbance Rejection Method. Lecture Notes in Electrical Engineering, 2022, , 813-823.	0.4	0
6	Distributed Kalman Filter for Multitarget Tracking Systems With Coupled Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6599-6604.	9.3	10
7	Trajectory Planning of Free-Floating Space Manipulators With Spacecraft Attitude Stabilization and Manipulability Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7346-7362.	9.3	11
8	Trajectory Tracking Control of Differential Wheeled Mobile Robots Based on Rhombic Input Constraints. Proceedings of International Conference on Artificial Life and Robotics, 2021, 26, 368-372.	0.1	0
9	Adaptive Sliding Mode Control for a Constant Tension Suspension System. Proceedings of International Conference on Artificial Life and Robotics, 2021, 26, 360-363.	0.1	0
10	Characteristic Model Based Robust $H_{\infty}$ Control for Spacecraft Rendezvous and Proximity Operations. , 2021, , .		3
11	Fixed-time Attitude Stabilization for Spacecraft Based on Active Disturbance Rejection Method. , 2021, , .		0
12	Output feedback control of mixed $H_2/H_{\infty}$ control for nonlinear multi-agent consensus via an inner auxiliary system approach. Systems and Control Letters, 2021, 158, 105064.	2.5	1
13	Distributed Finite-Time Rotating Encirclement Control for Second-Order Agent Dynamics. Lecture Notes in Electrical Engineering, 2021, , 1-9.	0.4	0
14	Analytical solutions to the matrix inequalities in the ILF control-observer scheme for non-cooperative rendezvous with unknown inertia parameters. International Journal of Control, 2020, 93, 541-553.	1.9	1
15	Sliding Mode Boundary Control for a Planar Two-link Rigid-flexible Manipulator with Input Disturbances. International Journal of Control, Automation and Systems, 2020, 18, 351-362.	2.7	30
16	Distributed Kalman Filter for Cooperative Localization With Integrated Measurements. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3302-3310.	4.7	16
17	A new class of strict Lyapunov functions for nonlinear time-varying systems. Automatica, 2020, 112, 108697.	5.0	1
18	Iterative learning formation control for continuous-time multi-agent systems with randomly varying trial lengths. Journal of the Franklin Institute, 2020, 357, 9268-9287.	3.4	18

#	ARTICLE	IF	CITATIONS
19	Finite Time Output Feedback Attitude Tracking Control for Rigid Body Based on Extended State Observer. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	0
20	Robust $H_2/H_\infty$ group consensus control for linear clusters over signed digraphs. <i>Journal of the Franklin Institute</i> , 2020, 357, 7556-7580.	3.4	6
21	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.	2.1	8
22	Distributed Rotating Encirclement Control of Strict-Feedback Multi-Agent Systems Using Bearing Measurements. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2020, 25, 313-316.	0.1	0
23	Neuro-Adaptive Control of High-Speed Trains under Uncertain Wheel-Rail Relationship. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2020, 25, 706-711.	0.1	0
24	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.	2.7	8
25	Adaptive coordinated control of uncertain free-floating space manipulators with prescribed control performance. <i>Nonlinear Dynamics</i> , 2019, 97, 1541-1566.	5.2	34
26	Output Feedback Tracking Control of Flat Systems via Exact Feedforward Linearization and LPV Techniques. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 606-616.	2.7	4
27	Stereovision-based Relative Motion Estimation Between Non-cooperative spacecraft. , 2019, , .		3
28	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.	2.7	6
29	Strict Lyapunov Functions for Homogeneous Time-Varying Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, , 1-9.	9.3	1
30	Adaptive Finite-Time 6-DOF Tracking Control for Spacecraft Fly Around With Input Saturation and State Constraints. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 3259-3272.	4.7	47
31	Output feedback robust $H_\infty$ control for spacecraft rendezvous system subject to input saturation: A gain scheduled approach. <i>Journal of the Franklin Institute</i> , 2019, 356, 3899-3921.	3.4	11
32	State-Predictor-Based Adaptive Neural Dynamic Surface Control of Uncertain Strict-Feedback Systems with Unknown Control Direction. , 2019, , .		0
33	Adaptive finite time distributed 6-DOF synchronization control for spacecraft formation without velocity measurement. <i>Nonlinear Dynamics</i> , 2019, 95, 2275-2291.	5.2	18
34	Event-triggered consensus control for uncertain multi-agent systems with external disturbance. <i>International Journal of Systems Science</i> , 2019, 50, 130-140.	5.5	23
35	Resilient Filtering for Nonlinear Complex Networks With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 2522-2528.	5.7	33
36	Nonlinear Robust $H_\infty$ Control for Spacecraft Body-Fixed Hovering Around Noncooperative Target Via Modified $\eta$ -D Method. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 2451-2463.	4.7	7

#	ARTICLE	IF	CITATIONS
37	Adaptive Fixed-Time Six-DOF Tracking Control for Noncooperative Spacecraft Fly-Around Mission. IEEE Transactions on Control Systems Technology, 2019, 27, 1796-1804.	5.2	93
38	Mean-Square Quasi-Composite Rotating Formation Control of Second-Order Multi-Agent Systems under Stochastic Communication Noises. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 411-414.	0.1	0
39	Time-Varying Lyapunov Function for Mechanical Systems. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 395-398.	0.1	0
40	Robust Adaptive Control of Air-to-air Refueling Boom with State-dependent Output Constraints. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 419-422.	0.1	1
41	Non-linear velocity observer for vehicles with tyre-road friction estimation. International Journal of Systems Science, 2018, 49, 1403-1418.	5.5	8
42	Recursive filtering for complex networks using nonlinearly coupled UKF. IET Control Theory and Applications, 2018, 12, 549-555.	2.1	17
43	Robust adaptive fixed-time tracking control of 6-DOF spacecraft fly-around mission for noncooperative target. International Journal of Robust and Nonlinear Control, 2018, 28, 2598-2618.	3.7	61
44	Distributed finite-time output feedback synchronisation control for six DOF spacecraft formation subject to input saturation. IET Control Theory and Applications, 2018, 12, 532-542.	2.1	29
45	Variance-Constrained State Estimation for Nonlinearly Coupled Complex Networks. IEEE Transactions on Cybernetics, 2018, 48, 818-824.	9.5	50
46	State estimation for nonlinearly coupled complex networks with application to multi-target tracking. Neurocomputing, 2018, 275, 1884-1892.	5.9	9
47	Fixed-time consensus tracking control of second-order multi-agent systems with inherent nonlinear dynamics via output feedback. Nonlinear Dynamics, 2018, 91, 1289-1306.	5.2	61
48	Feature extraction and image registration in the final approaching phase of rendezvous and docking. , 2018, , .		0
49	Integrated robust adaptive tracking control of non-cooperative fly-around mission subject to input saturation and full state constraints. Aerospace Science and Technology, 2018, 79, 233-245.	4.8	28
50	Event-based Consensus Control of Multi-agent Systems by L <sup>∞</sup> Theory. International Journal of Control, Automation and Systems, 2018, 16, 1254-1262.	2.7	13
51	Feature points designing and matching for the target spacecraft in the final approaching phase of rendezvous and docking. Proceedings of International Conference on Artificial Life and Robotics, 2018, 23, 699-703.	0.1	1
52	Data Missing Process by Extended Kalman Filter with Equality Constraints. Lecture Notes in Electrical Engineering, 2018, , 201-210.	0.4	0
53	State Estimation for Stochastic Complex Networks With Switching Topology. IEEE Transactions on Automatic Control, 2017, 62, 6377-6384.	5.7	77
54	Non-augmented state estimation for nonlinear stochastic coupling networks. Automatica, 2017, 78, 119-122.	5.0	17

#	ARTICLE	IF	CITATIONS
55	Adaptive finite-time bipartite consensus for second-order multi-agent systems with antagonistic interactions. <i>Systems and Control Letters</i> , 2017, 102, 22-31.	2.3	155
56	Tangent vector field approach for curved path following with input saturation. <i>Systems and Control Letters</i> , 2017, 104, 49-58.	2.3	7
57	Boundary cooperative control by flexible Timoshenko arms. <i>Automatica</i> , 2017, 81, 377-389.	5.0	69
58	Contact-Force Control of a Flexible Timoshenko Arm in Rigid/Soft Environment. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 2546-2553.	5.7	46
59	Variance-constrained state estimation for nonlinear complex networks with uncertain coupling strength. , 2017, 67, 107-115.		38
60	Adaptive consensus control for multiple Euler-Lagrange systems with external disturbance. <i>International Journal of Control, Automation and Systems</i> , 2017, 15, 205-211.	2.7	19
61	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.	3.4	52
62	Distributed extended Kalman filter with nonlinear consensus estimate. <i>Journal of the Franklin Institute</i> , 2017, 354, 7983-7995.	3.4	41
63	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.	2.1	93
64	Distributed Kalman consensus filter with event-triggered communication: Formulation and stability analysis. <i>Journal of the Franklin Institute</i> , 2017, 354, 5486-5502.	3.4	40
65	Distributed filtering for discrete-time linear systems with fading measurements and time-correlated noise. , 2017, 60, 211-219.		55
66	Vector-Based Adaptive Attitude Observer and Controller on Special Orthogonal Group. <i>Asian Journal of Control</i> , 2017, 19, 748-764.	3.0	4
67	Distributed consensus extended Kalman filter: a variance-constrained approach. <i>IET Control Theory and Applications</i> , 2017, 11, 382-389.	2.1	55
68	Transcale average consensus of directed multi-vehicle networks with fixed and switching topologies. <i>International Journal of Control</i> , 2017, 90, 2098-2110.	1.9	7
69	Task-Space Synchronization of Networked Mechanical Systems With Uncertain Parameters and Communication Delays. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2288-2298.	9.5	29
70	H $\infty$ sliding mode based scaled consensus control for linear multi-agent systems with disturbances. <i>Applied Mathematics and Computation</i> , 2017, 292, 375-389.	2.2	50
71	Event-triggered state estimator for stochastic systems with unknown inputs. <i>IET Signal Processing</i> , 2017, 11, 165-170.	1.5	5
72	Recursive state estimation for complex networks with random coupling strength. <i>Neurocomputing</i> , 2017, 219, 1-8.	5.9	38

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73	State estimation for onâ€œoff nonlinear stochastic coupling networks with time delay. Neurocomputing, 2017, 219, 68-75.	5.9	12
74	Tobit Kalman filter with timeâ€œcorrelated multiplicative measurement noise. IET Control Theory and Applications, 2017, 11, 122-128.	2.1	39
75	Decoupling and robust control of velocity-varying four-wheel steering vehicles with uncertainties via solving Attenuating Diagonal Decoupling problem. Journal of the Franklin Institute, 2017, 354, 105-122.	3.4	4
76	Static state feedback triangular block decoupling for arbitrary systems: a state-space method. International Journal of Control, 2017, 90, 1428-1436.	1.9	3
77	EKF-based state estimation for nonlinear complex networks. , 2017, , .		0
78	Analytical solutions to the matrix inequalities in the robust control scheme based on implicit Lyapunov function for spacecraft rendezvous on elliptical orbit. IET Control Theory and Applications, 2017, 11, 1983-1991.	2.1	8
79	H Containment Control for Nonlinear Multi-agent Systems with Parameter Uncertainties and Communication Delays. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 13-16.	0.1	0
80	Leader-follower Formation Control of Mobile Robots with Sliding Mode. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 9-12.	0.1	1
81	Consensus seeking via iterative learning for multi-agent systems with switching topologies and communication time-delays. International Journal of Robust and Nonlinear Control, 2016, 26, 3772-3790.	3.7	44
82	Nonlinear robust $H_{\infty}$ tracking control for 6 DOF spacecraft formation with input saturation. , 2016, , .		6
83	Attenuating diagonal decoupling with robustness for velocity-varying 4WS vehicles. Control Engineering Practice, 2016, 56, 49-59.	5.5	8
84	Finite-time output feedback attitude stabilisation for rigid spacecraft with input constraints. IET Control Theory and Applications, 2016, 10, 1740-1750.	2.1	25
85	Robust $H_{\infty}$ control for spacecraft formation flying with coupled translational and rotation dynamics. , 2016, , .		5
86	Constrained Optimal Placements of Heterogeneous Range/Bearing/RSS Sensor Networks for Source Localization with Distance-Dependent Noise. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1611-1615.	3.1	22
87	Adaptive Finite-Time Bipartite Consensus for Nonlinear Cooperation Multi-agent Systems with Unknown External Disturbances. Lecture Notes in Electrical Engineering, 2016, , 33-42.	0.4	0
88	Neural network-based adaptive consensus tracking control for multi-agent systems under actuator faults. International Journal of Systems Science, 2016, 47, 1931-1942.	5.5	81
89	Precompensation decoupling control with $H_{\infty}$ performance for 4WS velocity-varying vehicles. International Journal of Systems Science, 2016, 47, 3864-3875.	5.5	9
90	Combined Vector Field Approach for 2D and 3D Arbitrary Twice Differentiable Curved Path Following with Constrained UAVs. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 83, 133-160.	3.4	25

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91	Interval Bipartite Consensus of Networked Agents Associated With Signed Digraphs. IEEE Transactions on Automatic Control, 2016, 61, 3755-3770.	5.7	297
92	TOA-based cooperative localization for mobile stations with NLOS mitigation. Journal of the Franklin Institute, 2016, 353, 1297-1312.	3.4	17
93	Event-triggered Kalman consensus filter over sensor networks. IET Control Theory and Applications, 2016, 10, 103-110.	2.1	70
94	Robust unscented Kalman filter with adaptation of process and measurement noise covariances. , 2016, 48, 93-103.		92
95	Stability analysis for stochastic differential equations with infinite Markovian switchings. Journal of Mathematical Analysis and Applications, 2016, 435, 593-605.	1.0	74
96	Robust Consensus Algorithms for Multiscale Coordination Control of Multivehicle Systems With Disturbances. IEEE Transactions on Industrial Electronics, 2016, 63, 1107-1119.	7.9	66
97	Neural network-based distributed adaptive attitude synchronization control of spacecraft formation under modified fast terminal sliding mode. Neurocomputing, 2016, 171, 230-241.	5.9	79
98	Robust Control for Elliptical Orbit Spacecraft Rendezvous Using Implicit Lyapunov Function. Lecture Notes in Electrical Engineering, 2016, , 277-287.	0.4	2
99	Development of a Simulation Platform for Spacecraft Omni-directional Rendezvous. Lecture Notes in Electrical Engineering, 2016, , 77-88.	0.4	0
100	High-precision formation control of nonlinear multi-agent systems with switching topologies: A learning approach. International Journal of Robust and Nonlinear Control, 2015, 25, 1993-2018.	3.7	31
101	RSS-based joint detection and tracking in mixed LOS and NLOS environments. , 2015, 43, 38-46.		8
102	Finite-time attitude stabilisation for a class of stochastic spacecraft systems. IET Control Theory and Applications, 2015, 9, 1320-1327.	2.1	28
103	Modeling and input-output decoupling of hypersonic vehicles. International Journal of Control, Automation and Systems, 2015, 13, 156-166.	2.7	7
104	Distributed Kalman consensus filter with intermittent observations. Journal of the Franklin Institute, 2015, 352, 3764-3781.	3.4	77
105	Bipartite coordination problems on networks of multiple mobile agents. Journal of the Franklin Institute, 2015, 352, 4698-4720.	3.4	8
106	Extensions of weak-invariance principle for nonlinear switched systems with time-invariant and time-varying subsystems. Systems and Control Letters, 2015, 80, 23-29.	2.3	5
107	Stability of varying two-dimensional Roesser systems and its application to iterative learning control convergence analysis. IET Control Theory and Applications, 2015, 9, 1221-1228.	2.1	17
108	Nonlinear finite-time bipartite consensus protocol for multi-agent systems associated with signed graphs. International Journal of Control, 2015, 88, 2074-2085.	1.9	58

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109	Distributed adaptive containment control for second-order multi-agent systems via NTSM. <i>Journal of the Franklin Institute</i> , 2015, 352, 5327-5341.	3.4	19
110	Fixed-time consensus protocols for multi-agent systems with linear and nonlinear state measurements. <i>Nonlinear Dynamics</i> , 2015, 82, 1683-1690.	5.2	39
111	Adaptive output feedback tracking control for 6 DOF spacecraft formation flying under actuator faults. , 2015, , .		1
112	Data-driven consensus control for networked agents: an iterative learning control-motivated approach. <i>IET Control Theory and Applications</i> , 2015, 9, 2084-2096.	2.1	38
113	Finite-time consensus for second-order stochastic multi-agent systems with nonlinear dynamics. <i>Applied Mathematics and Computation</i> , 2015, 270, 278-290.	2.2	50
114	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.	1.9	105
115	Robust formation control of discrete-time multi-agent systems by iterative learning approach. <i>International Journal of Systems Science</i> , 2015, 46, 625-633.	5.5	35
116	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.	5.5	32
117	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, 809-824.	11.3	104
118	H $\infty$ approach to monotonically convergent ILC for uncertain time-varying delay systems. <i>International Journal of Systems Science</i> , 2015, 46, 209-217.	5.5	15
119	Attitude Reorientation of Spacecraft with Attitude Forbidden Zones. <i>Journal of Robotics, Networking and Artificial Life</i> , 2015, 2, 13.	0.4	4
120	Finite-time consensus protocols for networks of dynamic agents by terminal iterative learning. <i>International Journal of Systems Science</i> , 2014, 45, 2435-2446.	5.5	15
121	Distributed containment control of second-order multi-agent systems with inherent nonlinear dynamics. <i>IET Control Theory and Applications</i> , 2014, 8, 277-287.	2.1	66
122	Input-output finite-time mean square stabilisation of stochastic systems with Markovian jump. <i>International Journal of Systems Science</i> , 2014, 45, 325-336.	5.5	21
123	Event-based consensus control of multi-agent systems by LMI theory. , 2014, , .		1
124	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.	5.2	41
125	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.	2.7	41
126	Distributed multiple model estimation for jump Markov linear systems with missing measurements. <i>International Journal of Systems Science</i> , 2014, 45, 1484-1495.	5.5	11



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127	Formation control for multi-agent systems through an iterative learning design approach. International Journal of Robust and Nonlinear Control, 2014, 24, 340-361.	3.7	93
128	Robust consensus control for uncertain high-order multi-agent systems with time-delay. International Journal of Systems Science, 2014, 45, 427-438.	5.5	15
129	PHD filter for multi-target tracking with glint noise. Signal Processing, 2014, 94, 48-56.	3.7	47
130	Finite-time observers for multi-agent systems without velocity measurements and with input saturations. Systems and Control Letters, 2014, 68, 86-94.	2.3	66
131	Decoupling control in velocity-varying four-wheel steering vehicles with performance by longitudinal velocity and yaw rate feedback. Vehicle System Dynamics, 2014, 52, 1563-1583.	3.7	22
132	Decentralized adaptive attitude synchronization control for spacecraft formation using nonsingular fast terminal sliding mode. Nonlinear Dynamics, 2014, 78, 2779-2794.	5.2	73
133	Robust consensus control of uncertain multi-agent systems with nonlinear dynamics and time-varying delays. , 2014, , .		5
134	On Weak-Invariance Principles for Nonlinear Switched Systems. IEEE Transactions on Automatic Control, 2014, 59, 1600-1605.	5.7	15
135	On iterative learning algorithms for the formation control of nonlinear multi-agent systems. Automatica, 2014, 50, 291-295.	5.0	133
136	Multi-objective output feedback control for autonomous spacecraft rendezvous. Journal of the Franklin Institute, 2014, 351, 2804-2821.	3.4	35
137	A robust orbit design method for constant thrust collision avoidance maneuver. , 2014, , .		0
138	Variable-poled Tracking Control of a Two-wheeled Mobile Robot Using Differential Flatness. Journal of Robotics, Networking and Artificial Life, 2014, 1, 12.	0.4	5
139	Partly adaptive elastic net and its application to microarray classification. Neural Computing and Applications, 2013, 22, 1193-1200.	5.6	25
140	Modeling and robust decoupling control for hypersonic scramjet vehicle. Artificial Life and Robotics, 2013, 18, 58-63.	1.2	9
141	Parameter optimization for decoupling controllers of 4WS vehicles. Artificial Life and Robotics, 2013, 18, 64-69.	1.2	4
142	Tracking Algorithms for Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1660-1676.	11.3	43
143	Distributed Multiple-Model Estimation for Simultaneous Localization and Tracking With NLOS Mitigation. IEEE Transactions on Vehicular Technology, 2013, 62, 2824-2830.	6.3	44
144	Coordination learning control for groups of mobile agents. Journal of the Franklin Institute, 2013, 350, 2183-2211.	3.4	9

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145	Gaussian mixture PHD filter for multi-sensor multi-target tracking with registration errors. Signal Processing, 2013, 93, 86-99.	3.7	34
146	Robust state estimation for jump Markov linear systems with missing measurements. Journal of the Franklin Institute, 2013, 350, 1476-1487.	3.4	15
147	Robust transcale state estimation for multiresolution discrete-time systems based on wavelet transform. IET Signal Processing, 2013, 7, 228-238.	1.5	7
148	Adaptive filtering for jump Markov systems with unknown noise covariance. IET Control Theory and Applications, 2013, 7, 1765-1772.	2.1	13
149	Distributed consensus filtering for jump Markov linear systems. IET Control Theory and Applications, 2013, 7, 1659-1664.	2.1	17
150	Multi-agent iterative learning control with communication topologies dynamically changing in two directions. IET Control Theory and Applications, 2013, 7, 261-270.	2.1	20
151	Formation learning algorithms for mobile agents subject to 2-D dynamically changing topologies. , 2013, , .		1
152	State estimation for jump Markov linear systems with uncompensated biases. , 2013, , .		1
153	Evaluation of Initial Input Effects on Discrete-time Stochastic Iterative Learning Control. Asian Journal of Control, 2013, 15, 1833-1843.	3.0	2
154	Wheel slip estimation based on real-time identification of tire-road friction conditions. , 2013, , .		1
155	Finite-time consensus control for multiple manipulators with unmodeled dynamics. , 2013, , .		2
156	Delay distribution dependent stability criteria for discrete-time systems with interval time-varying delay. , 2013, , .		0
157	Rao's Blackwellised particle filtering and smoothing for jump Markov nonlinear systems with mode observation. IET Signal Processing, 2013, 7, 327-336.	1.5	6
158	Simultaneous scan-based emitter passive localization and receiver trajectory optimization. , 2012, , .		0
159	Stochastic $H_\infty$ optimal control of discrete-time Markov jump systems with periodic coefficients. , 2012, , .		0
160	Location of Mobile Station With Maneuvers Using an IMM-Based Cubature Kalman Filter. IEEE Transactions on Industrial Electronics, 2012, 59, 4338-4348.	7.9	102
161	Robust $H_2$ Filtering for Stochastic Systems with Discrete and Distributed Time-varying Delays. Asian Journal of Control, 2012, 14, 1047-1058.	3.0	1
162	New delay-dependent stability criteria for linear time-delay systems with two additive time-varying delay components. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
163	Hierarchical control for path tracking of autonomous vehicles. , 2012, , .		5
164	Lane keeping control for autonomous 4WS4WD vehicles subject to wheel slip constraint. , 2012, , .		7
165	Consensus control for directed networks with multiple higher-order discrete dynamic agents: An ILC-based approach. , 2012, , .		1
166	Monotonically convergent ILC systems designed using bounded real lemma. International Journal of Systems Science, 2012, 43, 2062-2071.	5.5	12
167	A novel H-infinity filtering for road constrained target tracking. , 2012, , .		0
168	Delay distribution dependent stability criteria for interval time-varying delay systems. Journal of the Franklin Institute, 2012, 349, 3142-3158.	3.4	9
169	Nonlinear decoupling control of four-wheel-steering vehicles with an observer. International Journal of Control, Automation and Systems, 2012, 10, 697-702.	2.7	19
170	Formation control of discrete-time multi-agent systems by iterative learning approach. International Journal of Control, Automation and Systems, 2012, 10, 913-919.	2.7	38
171	$H^\infty$ consensus control for multi-agent systems with linear coupling dynamics and communication delays. International Journal of Systems Science, 2012, 43, 50-62.	5.5	73
172	Adaptive consensus protocol for networks of multiple agents with nonlinear dynamics using neural networks. Asian Journal of Control, 2012, 14, 1328-1339.	3.0	25
173	Constant thrust collision avoidance maneuver under thruster failure. Advances in Space Research, 2012, 49, 373-385.	2.6	5
174	Field-of-view constrained guidance algorithm for $\bar{V}$ constant thrust departure. Advances in Space Research, 2012, 49, 1129-1139.	2.6	0
175	Constant thrust fuel-optimal control for spacecraft rendezvous. Advances in Space Research, 2012, 49, 1140-1150.	2.6	28
176	An iterative learning approach to formation control of multi-agent systems. Systems and Control Letters, 2012, 61, 148-154.	2.3	195
177	Iterative learning approaches to design finite-time consensus protocols for multi-agent systems. Systems and Control Letters, 2012, 61, 187-194.	2.3	112
178	Tracking control over a finite interval for multi-agent systems with a time-varying reference trajectory. Systems and Control Letters, 2012, 61, 807-818.	2.3	106
179	Data-Driven Control for Relative Degree Systems via Iterative Learning. IEEE Transactions on Neural Networks, 2011, 22, 2213-2225.	4.2	45
180	Two alternative approaches to stochastic discrete-time iterative learning control systems. , 2011, , .		4

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