

Yingmin Jia

List of Publications by Year in Descending Order

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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	Containment Control with Different Constraints. <i>IEEE Transactions on Control of Network Systems</i> , 2022 , 1-1	4	
203	Disturbance-Observer-Based Attitude Tracking Control for Rigid Spacecraft with Unmeasurable Angular Velocity. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 73-80	0.2	
202	Robust Fixed-Time Attitude Stabilization of Flexible Spacecraft via Active Disturbance Rejection Method. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 813-823	0.2	
201	Output feedback control of mixed H_2/H_∞ multi-agent consensus via an inner auxiliary system approach. <i>Systems and Control Letters</i> , 2021 , 158, 105064	2.4	1
200	Distributed Finite-Time Rotating Encirclement Control for Second-Order Agent Dynamics. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 1-9	0.2	
199	Trajectory Tracking Control of Differential Wheeled Mobile Robots Based on Rhombic Input Constraints. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2021 , 26, 368-372	0	
198	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
197	Adaptive Sliding Mode Control for a Constant Tension Suspension System. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2021 , 26, 360-363	0	
196	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
195	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
194	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	
193	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	
192	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
191	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
190	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 3302-3310	3.7	5
189	A new class of strict Lyapunov functions for nonlinear time-varying systems. <i>Automatica</i> , 2020 , 112, 108697	9.7	1
188	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

187	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	
186	Analytical solutions to the matrix inequalities in the ILF control-observer scheme for non-cooperative rendezvous with unknown inertia parameters. <i>International Journal of Control</i> , 2020 , 93, 541-553	1.5	0
185	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
184	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
183	Strict Lyapunov Functions for Homogeneous Time-Varying Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	1
182	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 3259-3272	3.7	18
181	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
180	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
179	Adaptive coordinated control of uncertain free-floating space manipulators with prescribed control performance. <i>Nonlinear Dynamics</i> , 2019 , 97, 1541-1566	5	13
178	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	2.9	1
177	Mean-Square Quasi-Composite Rotating Formation Control of Second-Order Multi-Agent Systems under Stochastic Communication Noises. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2019 , 24, 411-414	0	
176	Time-Varying Lyapunov Function for Mechanical Systems. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2019 , 24, 395-398	0	
175	Robust Adaptive Control of Air-to-air Refueling Boom with State-dependent Output Constraints. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2019 , 24, 419-422	0	
174	Adaptive finite time distributed 6-DOF synchronization control for spacecraft formation without velocity measurement. <i>Nonlinear Dynamics</i> , 2019 , 95, 2275-2291	5	11
173	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
172	Resilient Filtering for Nonlinear Complex Networks With Multiplicative Noise. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2522-2528	5.9	17
171	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 2451-2463	3.7	1
170	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

169	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
168	Recursive filtering for complex networks using non-linearly coupled UKF. <i>IET Control Theory and Applications</i> , 2018 , 12, 549-555	2.5	12
167	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
166	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
165	Variance-Constrained State Estimation for Nonlinearly Coupled Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 818-824	10.2	30
164	Feature points designing and matching for the target spacecraft in the final approaching phase of rendezvous and docking. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2018 , 23, 699-703	0	1
163	Data Missing Process by Extended Kalman Filter with Equality Constraints. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 201-210	0.2	
162	State estimation for nonlinearly coupled complex networks with application to multi-target tracking. <i>Neurocomputing</i> , 2018 , 275, 1884-1892	5.4	7
161	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
160	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
159	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
158	State Estimation for Stochastic Complex Networks With Switching Topology. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6377-6384	5.9	47
157	Non-augmented state estimation for nonlinear stochastic coupling networks. <i>Automatica</i> , 2017 , 78, 119-122	3.7	13
156	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
155	Tangent vector field approach for curved path following with input saturation. <i>Systems and Control Letters</i> , 2017 , 104, 49-58	2.4	5
154	Boundary cooperative control by flexible Timoshenko arms. <i>Automatica</i> , 2017 , 81, 377-389	5.7	55
153	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
152	Variance-constrained state estimation for nonlinear complex networks with uncertain coupling strength 2017 , 67, 107-115		21

151	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
150	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	38
149	Distributed extended Kalman filter with nonlinear consensus estimate. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7983-7995	4	23
148	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
147	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
146	Distributed filtering for discrete-time linear systems with fading measurements and time-correlated noise 2017 , 60, 211-219		37
145	Vector-Based Adaptive Attitude Observer and Controller on Special Orthogonal Group. <i>Asian Journal of Control</i> , 2017 , 19, 748-764	1.7	2
144	Distributed consensus extended Kalman filter: a variance-constrained approach. <i>IET Control Theory and Applications</i> , 2017 , 11, 382-389	2.5	33
143	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
142	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
141	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
140	Event-triggered state estimator for stochastic systems with unknown inputs. <i>IET Signal Processing</i> , 2017 , 11, 165-170	1.7	5
139	Recursive state estimation for complex networks with random coupling strength. <i>Neurocomputing</i> , 2017 , 219, 1-8	5.4	26
138	State estimation for on-off nonlinear stochastic coupling networks with time delay. <i>Neurocomputing</i> , 2017 , 219, 68-75	5.4	7
137	Tobit Kalman filter with time-correlated multiplicative measurement noise. <i>IET Control Theory and Applications</i> , 2017 , 11, 122-128	2.5	22
136	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	4	3
135	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
134	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

133	H Containment Control for Nonlinear Multi-agent Systems with Parameter Uncertainties and Communication Delays. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2017 , 22, 13-16	0	
132	Leader-follower Formation Control of Mobile Robots with Sliding Mode. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2017 , 22, 9-12	0	
131	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
130	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
129	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
128	Robust H ∞ control for spacecraft formation flying with coupled translational and rotation dynamics 2016 ,		3
127	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
126	Adaptive Finite-Time Bipartite Consensus for Nonlinear Coopetition Multi-agent Systems with Unknown External Disturbances. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 33-42	0.2	
125	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
124	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
123	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
122	. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3755-3770	5.9	202
121	TOA-based cooperative localization for mobile stations with NLOS mitigation. <i>Journal of the Franklin Institute</i> , 2016 , 353, 1297-1312	4	12
120	Event-triggered Kalman consensus filter over sensor networks. <i>IET Control Theory and Applications</i> , 2016 , 10, 103-110	2.5	51
119	Robust unscented Kalman filter with adaptation of process and measurement noise covariances 2016 , 48, 93-103		66
118	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
117	Robust Control for Elliptical Orbit Spacecraft Rendezvous Using Implicit Lyapunov Function. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 277-287	0.2	1
116	Development of a Simulation Platform for Spacecraft Omni-directional Rendezvous. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 77-88	0.2	

115	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
114	Nonlinear robust H _∞ tracking control for 6 DOF spacecraft formation with input saturation 2016 ,		4
113	Attenuating diagonal decoupling with robustness for velocity-varying 4WS vehicles. <i>Control Engineering Practice</i> , 2016 , 56, 49-59	3.9	7
112	Modeling and input-output decoupling of hypersonic vehicles. <i>International Journal of Control, Automation and Systems</i> , 2015 , 13, 156-166	2.9	7
111	Distributed Kalman consensus filter with intermittent observations. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3764-3781	4	58
110	Bipartite coordination problems on networks of multiple mobile agents. <i>Journal of the Franklin Institute</i> , 2015 , 352, 4698-4720	4	8
109	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
108	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
107	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
106	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
105	Fixed-time consensus protocols for multi-agent systems with linear and nonlinear state measurements. <i>Nonlinear Dynamics</i> , 2015 , 82, 1683-1690	5	30
104	Adaptive output feedback tracking control for 6 DOF spacecraft formation flying under actuator faults 2015 ,		1
103	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
102	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
101	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
100	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
99	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
98	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

97	High-precision formation control of nonlinear multi-agent systems with switching topologies: A learning approach. <i>International Journal of Systems Science</i> , 2015 , 46, 209-217	2.3	12
96	RSS-based joint detection and tracking in mixed LOS and NLOS environments 2015 , 43, 38-46	3.6	19
95	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
94	Attitude Reorientation of Spacecraft with Attitude Forbidden Zones. <i>Journal of Robotics, Networking and Artificial Life</i> , 2015 , 2, 13	0.7	2
93	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
92	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
91	Decentralized adaptive attitude synchronization control for spacecraft formation using nonsingular fast terminal sliding mode. <i>Nonlinear Dynamics</i> , 2014 , 78, 2779-2794	5	59
90	Robust H _∞ consensus control of uncertain multi-agent systems with nonlinear dynamics and time-varying delays 2014 ,		2
89	On Weak-Invariance Principles for Nonlinear Switched Systems. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1600-1605	5.9	14
88	On iterative learning algorithms for the formation control of nonlinear multi-agent systems. <i>Automatica</i> , 2014 , 50, 291-295	5.7	100
87	Multi-objective output feedback control for autonomous spacecraft rendezvous. <i>Journal of the Franklin Institute</i> , 2014 , 351, 2804-2821	4	27
86	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
85	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
84	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
83	Event-based consensus control of multi-agent systems by LMI theory 2014 ,		1
82	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
81	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
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79	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
78	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
77	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
76	PHD filter for multi-target tracking with glint noise. <i>Signal Processing</i> , 2014 , 94, 48-56	4.4	29
75	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
74	Partly adaptive elastic net and its application to microarray classification. <i>Neural Computing and Applications</i> , 2013 , 22, 1193-1200	4.8	19
73	Modeling and robust decoupling control for hypersonic scramjet vehicle. <i>Artificial Life and Robotics</i> , 2013 , 18, 58-63	0.6	7
72	Parameter optimization for decoupling controllers of 4WS vehicles. <i>Artificial Life and Robotics</i> , 2013 , 18, 64-69	0.6	3
71	Tracking algorithms for multiagent systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1660-76	10.3	24
70	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
69	Coordination learning control for groups of mobile agents. <i>Journal of the Franklin Institute</i> , 2013 , 350, 2183-2211	4	7
68	Gaussian mixture PHD filter for multi-sensor multi-target tracking with registration errors. <i>Signal Processing</i> , 2013 , 93, 86-99	4.4	24
67	Robust state estimation for jump Markov linear systems with missing measurements. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1476-1487	4	14
66	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
65	Adaptive filtering for jump Markov systems with unknown noise covariance. <i>IET Control Theory and Applications</i> , 2013 , 7, 1765-1772	2.5	12
64	Distributed consensus filtering for jump Markov linear systems. <i>IET Control Theory and Applications</i> , 2013 , 7, 1659-1664	2.5	12
63	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
62	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

61	Finite-time consensus control for multiple manipulators with unmodeled dynamics 2013 ,		1
60	RaoBlackwellised 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
59	An iterative learning approach to formation control of multi-agent systems. <i>Systems and Control Letters</i> , 2012 , 61, 148-154	2.4	131
58	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
57	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
56	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
55	Robust L2 Filtering for Stochastic Systems with Discrete and Distributed Time-Varying Delays. <i>Asian Journal of Control</i> , 2012 , 14, 1047-1058	1.7	1
54	Hierarchical control for path tracking of autonomous vehicles 2012 ,		1
53	Lane keeping control for autonomous 4WS4WD vehicles subject to wheel slip constraint 2012 ,		1
52	Consensus control for directed networks with multiple higher-order discrete dynamic agents: An ILC-based approach 2012 ,		1
51	Monotonically convergent ILC systems designed using bounded real lemma. <i>International Journal of Systems Science</i> , 2012 , 43, 2062-2071	2.3	10
50	Delay distribution dependent stability criteria for interval time-varying delay systems. <i>Journal of the Franklin Institute</i> , 2012 , 349, 3142-3158	4	7
49	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
48	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
47	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
46	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
45	Constant thrust collision avoidance maneuver under thruster failure. <i>Advances in Space Research</i> , 2012 , 49, 373-385	2.4	5
44	Field-of-view constrained guidance algorithm for \bar{V} constant thrust departure. <i>Advances in Space Research</i> , 2012 , 49, 1129-1139	2.4	

43	Constant thrust fuel-optimal control for spacecraft rendezvous. <i>Advances in Space Research</i> , 2012 , 49, 1140-1150	2.4	19
42	Two alternative approaches to stochastic discrete-time iterative learning control systems 2011 ,		3
41	Forming and keeping fast fly-around under constant thrust. <i>Advances in Space Research</i> , 2011 , 48, 1421-1431	1.4	6
40	Adaptive huberized support vector machine and its application to microarray classification. <i>Neural Computing and Applications</i> , 2011 , 20, 123-132	4.8	12
39	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
38	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
37	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
36	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
35	Data-driven control for relative degree systems via iterative learning. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2213-25		36
34	Active collision avoidance maneuver under constant thrust. <i>Advances in Space Research</i> , 2011 , 48, 349-361	1.4	6
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