Yingmin Jia

List of Publications by Year
in descending order

225 papers	8,678 citations	41323 49 h-index	51562 86 g-index
226 all docs	226 docs citations	226 times ranked	4102 citing authors

#	Article	IF	Citations
1	Distributed robust consensus control in directed networks of agents with time-delay. Systems and Control Letters, 2008, 57, 643-653.	1.3	539
2	Consensus of second-order discrete-time multi-agent systems with nonuniform time-delays and dynamically changing topologies. Automatica, 2009, 45, 2154-2158.	3.0	481
3	Average consensus in networks of multi-agents with both switching topology and coupling time-delay. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 303-313.	1.2	336
4	Consensus of a Class of Second-Order Multi-Agent Systems With Time-Delay and Jointly-Connected Topologies. IEEE Transactions on Automatic Control, 2010, 55, 778-784.	3.6	317
5	Interval Bipartite Consensus of Networked Agents Associated With Signed Digraphs. IEEE Transactions on Automatic Control, 2016, 61, 3755-3770.	3.6	297
6	Robust sliding-mode control for uncertain time-delay systems: an lmi approach. IEEE Transactions on Automatic Control, 2003, 48, 1086-1092.	3.6	256
7	Robust control with decoupling performance for steering and traction of 4WS vehicles under velocity-varying motion. IEEE Transactions on Control Systems Technology, 2000, 8, 554-569.	3.2	247
8	Alternative proofs for improved lmi representations for the analysis and the design of continuous-time systems with polytopic type uncertainty: a predictive approach. IEEE Transactions on Automatic Control, 2003, 48, 1413-1416.	3.6	204
9	An iterative learning approach to formation control of multi-agent systems. Systems and Control Letters, 2012, 61, 148-154.	1.3	195
10	Adaptive finite-time bipartite consensus for second-order multi-agent systems with antagonistic interactions. Systems and Control Letters, 2017, 102, 22-31.	1.3	155
11	Multi-agent consensus with diverse time-delays and jointly-connected topologies. Automatica, 2011, 47, 848-856.	3.0	133
12	On iterative learning algorithms for the formation control of nonlinear multi-agent systems. Automatica, 2014, 50, 291-295.	3.0	133
13	H_∞ consensus control of multi-agent systems with switching topology: a dynamic output feedback protocol. International Journal of Control, 2010, 83, 527-537.	1.2	132
14	Distributed rotating formation control of multi-agent systems. Systems and Control Letters, 2010, 59, 587-595.	1.3	124
15	Consensus in networked multi-agent systems via sampled control: Fixed topology case. , 2009, , .		120
16	H-infinity filtering for a class of nonlinear discrete-time systems based on unscented transform. Signal Processing, 2010, 90, 3301-3307.	2.1	117
17	Iterative learning approaches to design finite-time consensus protocols for multi-agent systems. Systems and Control Letters, 2012, 61, 187-194.	1.3	112
18	Tracking control over a finite interval for multi-agent systems with a time-varying reference trajectory. Systems and Control Letters, 2012, 61, 807-818.	1.3	106

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19	Finite-time attitude tracking control for a rigid spacecraft using time-varying terminal sliding mode techniques. International Journal of Control, 2015, 88, 1150-1162.	1.2	105
20	Robust Consensus Tracking Control for Multiagent Systems With Initial State Shifts, Disturbances, and Switching Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 809-824.	7.2	104
21	Location of Mobile Station With Maneuvers Using an IMM-Based Cubature Kalman Filter. IEEE Transactions on Industrial Electronics, 2012, 59, 4338-4348.	5.2	102
22	Formation control for multi‐agent systems through an iterative learning design approach. International Journal of Robust and Nonlinear Control, 2014, 24, 340-361.	2.1	93
23	Fixed‐time consensus tracking control for second‐order multi‐agent systems with bounded input uncertainties via NFFTSM. IET Control Theory and Applications, 2017, 11, 2900-2909.	1.2	93
24	Adaptive Fixed-Time Six-DOF Tracking Control for Noncooperative Spacecraft Fly-Around Mission. IEEE Transactions on Control Systems Technology, 2019, 27, 1796-1804.	3.2	93
25	Robust unscented Kalman filter with adaptation of process and measurement noise covariances. , 2016, 48, 93-103.		92
26	Consensus problem of high‐order multi‐agent systems with external disturbances: An H_∞ analysis approach. International Journal of Robust and Nonlinear Control, 2010, 20, 1579-1593.	2.1	86
27	Neural network-based adaptive consensus tracking control for multi-agent systems under actuator faults. International Journal of Systems Science, 2016, 47, 1931-1942.	3.7	81
28	Neural network-based distributed adaptive attitude synchronization control of spacecraft formation under modified fast terminal sliding mode. Neurocomputing, 2016, 171, 230-241.	3.5	79
29	An Improvement on Resampling Algorithm of Particle Filters. IEEE Transactions on Signal Processing, 2010, 58, 5414-5420.	3.2	78
30	Distributed Kalman consensus filter with intermittent observations. Journal of the Franklin Institute, 2015, 352, 3764-3781.	1.9	77
31	State Estimation for Stochastic Complex Networks With Switching Topology. IEEE Transactions on Automatic Control, 2017, 62, 6377-6384.	3.6	77
32	Stability analysis for stochastic differential equations with infinite Markovian switchings. Journal of Mathematical Analysis and Applications, 2016, 435, 593-605.	0.5	74
33	H_∞ consensus control for multi-agent systems with linear coupling dynamics and communication delays. International Journal of Systems Science, 2012, 43, 50-62.	3.7	73
34	Decentralized adaptive attitude synchronization control for spacecraft formation using nonsingular fast terminal sliding mode. Nonlinear Dynamics, 2014, 78, 2779-2794.	2.7	73
35	Event‐triggered Kalman consensus filter over sensor networks. IET Control Theory and Applications, 2016, 10, 103-110.	1.2	70
36	Boundary cooperative control by flexible Timoshenko arms. Automatica, 2017, 81, 377-389.	3.0	69

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37	Robust H âˆž consensus control of uncertain multi-agent systems with time delays. International Journal of Control, Automation and Systems, 2011, 9, 1086-1094.	1.6	67
38	Distributed containment control of secondâ€order multiâ€agent systems with inherent nonâ€linear dynamics. IET Control Theory and Applications, 2014, 8, 277-287.	1.2	66
39	Finite-time observers for multi-agent systems without velocity measurements and with input saturations. Systems and Control Letters, 2014, 68, 86-94.	1.3	66
40	Robust Consensus Algorithms for Multiscale Coordination Control of Multivehicle Systems With Disturbances. IEEE Transactions on Industrial Electronics, 2016, 63, 1107-1119.	5.2	66
41	Robust adaptive fixedâ€time tracking control of 6â€DOF spacecraft flyâ€around mission for noncooperative target. International Journal of Robust and Nonlinear Control, 2018, 28, 2598-2618.	2.1	61
42	Fixed-time consensus tracking control of second-order multi-agent systems with inherent nonlinear dynamics via output feedback. Nonlinear Dynamics, 2018, 91, 1289-1306.	2.7	61
43	Nonlinear finite-time bipartite consensus protocol for multi-agent systems associated with signed graphs. International Journal of Control, 2015, 88, 2074-2085.	1.2	58
44	Distributed control of multiâ€agent systems with secondâ€order agent dynamics and delayâ€dependent communications. Asian Journal of Control, 2008, 10, 254-259.	1.9	55
45	Robust Discrete-Time Iterative Learning Control for Nonlinear Systems With Varying Initial State Shifts. IEEE Transactions on Automatic Control, 2009, 54, 2626-2631.	3.6	55
46	Distributed filtering for discrete-time linear systems with fading measurements and time-correlated noise. , 2017, 60, 211-219.		55
47	Distributed consensus extended Kalman filter: a varianceâ€constrained approach. IET Control Theory and Applications, 2017, 11, 382-389.	1.2	55
48	Consensus in networked multi-agent systems via sampled control: Switching topology case. , 2009, , .		53
49	Gaussian mixture PHD filter for jump Markov models based on best-fitting Gaussian approximation. Signal Processing, 2011, 91, 1036-1042.	2.1	52
50	Adaptive fixed-time relative position tracking and attitude synchronization control for non-cooperative target spacecraft fly-around mission. Journal of the Franklin Institute, 2017, 354, 8461-8489.	1.9	52
51	Finite-time consensus for second-order stochastic multi-agent systems with nonlinear dynamics. Applied Mathematics and Computation, 2015, 270, 278-290.	1.4	50
52	Hâˆž sliding mode based scaled consensus control for linear multi-agent systems with disturbances. Applied Mathematics and Computation, 2017, 292, 375-389.	1.4	50
53	Variance-Constrained State Estimation for Nonlinearly Coupled Complex Networks. IEEE Transactions on Cybernetics, 2018, 48, 818-824.	6.2	50
54	PHD filter for multi-target tracking with glint noise. Signal Processing, 2014, 94, 48-56.	2.1	47

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55	Adaptive Finite-Time 6-DOF Tracking Control for Spacecraft Fly Around With Input Saturation and State Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3259-3272.	2.6	47
56	Contact-Force Control of a Flexible Timoshenko Arm in Rigid/Soft Environment. IEEE Transactions on Automatic Control, 2017, 62, 2546-2553.	3.6	46
57	Data-Driven Control for Relative Degree Systems via Iterative Learning. IEEE Transactions on Neural Networks, 2011, 22, 2213-2225.	4.8	45
58	Distributed Multiple-Model Estimation for Simultaneous Localization and Tracking With NLOS Mitigation. IEEE Transactions on Vehicular Technology, 2013, 62, 2824-2830.	3.9	44
59	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.	2.1	44
60	Tracking Algorithms for Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1660-1676.	7.2	43
61	Finite-Time Synchronous Control for Multiple Manipulators With Sensor Saturations and a Constant Reference. IEEE Transactions on Control Systems Technology, 2014, 22, 1159-1165.	3.2	41
62	Indoor localization for mobile robots using lampshade corners as landmarks: Visual system calibration, feature extraction and experiments. International Journal of Control, Automation and Systems, 2014, 12, 1313-1322.	1.6	41
63	Distributed extended Kalman filter with nonlinear consensus estimate. Journal of the Franklin Institute, 2017, 354, 7983-7995.	1.9	41
64	Distributed Kalman consensus filter with event-triggered communication: Formulation and stability analysis. Journal of the Franklin Institute, 2017, 354, 5486-5502.	1.9	40
65	Robust Design of a Class of Time-Delay Iterative Learning Control Systems With Initial Shifts. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1744-1757.	3.5	39
66	Fixed-time consensus protocols for multi-agent systems with linear and nonlinear state measurements. Nonlinear Dynamics, 2015, 82, 1683-1690.	2.7	39
67	Tobit Kalman filter with timeâ€correlated multiplicative measurement noise. IET Control Theory and Applications, 2017, 11, 122-128.	1.2	39
68	Formation control of discrete-time multi-agent systems by iterative learning approach. International Journal of Control, Automation and Systems, 2012, 10, 913-919.	1.6	38
69	Dataâ€driven consensus control for networked agents: an iterative learning controlâ€motivated approach. IET Control Theory and Applications, 2015, 9, 2084-2096.	1.2	38
70	Variance-constrained state estimation for nonlinear complex networks with uncertain coupling strength. , 2017, 67, 107-115.		38
71	Recursive state estimation for complex networks with random coupling strength. Neurocomputing, 2017, 219, 1-8.	3.5	38
72	Multi-objective output feedback control for autonomous spacecraft rendezvous. Journal of the Franklin Institute, 2014, 351, 2804-2821.	1.9	35

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73	Robust formation control of discrete-time multi-agent systems by iterative learning approach. International Journal of Systems Science, 2015, 46, 625-633.	3.7	35
74	Gaussian mixture PHD filter for multi-sensor multi-target tracking with registration errors. Signal Processing, 2013, 93, 86-99.	2.1	34
75	Adaptive coordinated control of uncertain free-floating space manipulators with prescribed control performance. Nonlinear Dynamics, 2019, 97, 1541-1566.	2.7	34
76	Resilient Filtering for Nonlinear Complex Networks With Multiplicative Noise. IEEE Transactions on Automatic Control, 2019, 64, 2522-2528.	3.6	33
77	Robust iterative learning protocols for finite-time consensus of multi-agent systems with interval uncertain topologies. International Journal of Systems Science, 2015, 46, 857-871.	3.7	32
78	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.	2.1	31
79	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.	1.6	30
80	Task-Space Synchronization of Networked Mechanical Systems With Uncertain Parameters and Communication Delays. IEEE Transactions on Cybernetics, 2017, 47, 2288-2298.	6.2	29
81	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.	1.2	29
82	Robust learning controller design for MIMO stochastic discrete‐time systems: An H_∞‐based approach. International Journal of Adaptive Control and Signal Processing, 2011, 25, 653-670.	2.3	28
83	Constant thrust fuel-optimal control for spacecraft rendezvous. Advances in Space Research, 2012, 49, 1140-1150.	1.2	28
84	Finite‐time attitude stabilisation for a class of stochastic spacecraft systems. IET Control Theory and Applications, 2015, 9, 1320-1327.	1.2	28
85	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.	2.5	28
86	Adaptive consensus protocol for networks of multiple agents with nonlinear dynamics using neural networks. Asian Journal of Control, 2012, 14, 1328-1339.	1.9	25
87	Partly adaptive elastic net and its application to microarray classification. Neural Computing and Applications, 2013, 22, 1193-1200.	3.2	25
88	Finite‐time output feedback attitude stabilisation for rigid spacecraft with input constraints. IET Control Theory and Applications, 2016, 10, 1740-1750.	1.2	25
89	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.	2.0	25
90	Event-triggered consensus control for uncertain multi-agent systems with external disturbance. International Journal of Systems Science, 2019, 50, 130-140.	3.7	23

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91	Decoupling control in velocity-varying four-wheel steering vehicles with H_∞ performance by longitudinal velocity and yaw rate feedback. Vehicle System Dynamics, 2014, 52, 1563-1583.	2.2	22
92	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.	1.4	22
93	Input–output finite-time mean square stabilisation of stochastic systems with Markovian jump. International Journal of Systems Science, 2014, 45, 325-336.	3.7	21
94	Multi-agent iterative learning control with communication topologies dynamically changing in two directions. IET Control Theory and Applications, 2013, 7, 261-270.	1.2	20
95	General solution to diagonal model matching control of multiple-output-delay systems and its applications in adaptive scheme. Progress in Natural Science: Materials International, 2009, 19, 79-90.	1.8	19
96	Nonlinear decoupling control of four-wheel-steering vehicles with an observer. International Journal of Control, Automation and Systems, 2012, 10, 697-702.	1.6	19
97	Distributed adaptive containment control for second-order multi-agent systems via NTSM. Journal of the Franklin Institute, 2015, 352, 5327-5341.	1.9	19
98	Adaptive consensus control for multiple Euler-Lagrange systems with external disturbance. International Journal of Control, Automation and Systems, 2017, 15, 205-211.	1.6	19
99	Adaptive finite time distributed 6-DOF synchronization control for spacecraft formation without velocity measurement. Nonlinear Dynamics, 2019, 95, 2275-2291.	2.7	18
100	Iterative learning formation control for continuous-time multi-agent systems with randomly varying trial lengths. Journal of the Franklin Institute, 2020, 357, 9268-9287.	1.9	18
101	Distributed consensus filtering for jump Markov linear systems. IET Control Theory and Applications, 2013, 7, 1659-1664.	1.2	17
102	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.	1.2	17
103	TOA-based cooperative localization for mobile stations with NLOS mitigation. Journal of the Franklin Institute, 2016, 353, 1297-1312.	1.9	17
104	Non-augmented state estimation for nonlinear stochastic coupling networks. Automatica, 2017, 78, 119-122.	3.0	17
105	Recursive filtering for complex networks using non-linearly coupled UKF. IET Control Theory and Applications, 2018, 12, 549-555.	1.2	17
106	Distributed leadless coordination for networks of second-order agents with time-delay on switching topology. , 2008, , .		16
107	Initial shift problem for robust iterative learning control systems with polytopic-type uncertainty. International Journal of Systems Science, 2010, 41, 825-838.	3.7	16
108	Necessary and sufficient stability condition of LTV iterative learning control systems using a 2-D approach. Asian Journal of Control, 2011, 13, 25-37.	1.9	16

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109	Distributed Kalman Filter for Cooperative Localization With Integrated Measurements. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3302-3310.	2.6	16
110	Robust state estimation for jump Markov linear systems with missing measurements. Journal of the Franklin Institute, 2013, 350, 1476-1487.	1.9	15
111	Finite-time consensus protocols for networks of dynamic agents by terminal iterative learning. International Journal of Systems Science, 2014, 45, 2435-2446.	3.7	15
112	RobustL2â‰â‹â‰Lˆžconsensus control for uncertain high-order multi-agent systems with time-delay. International Journal of Systems Science, 2014, 45, 427-438.	3.7	15
113	On Weak-Invariance Principles for Nonlinear Switched Systems. IEEE Transactions on Automatic Control, 2014, 59, 1600-1605.	3.6	15
114	Hˆžapproach to monotonically convergent ILC for uncertain time-varying delay systems. International Journal of Systems Science, 2015, 46, 209-217.	3.7	15
115	Adaptive huberized support vector machine and its application to microarray classification. Neural Computing and Applications, 2011, 20, 123-132.	3.2	14
116	Adaptive filtering for jump Markov systems with unknown noise covariance. IET Control Theory and Applications, 2013, 7, 1765-1772.	1.2	13
117	Event-based Consensus Control of Multi-agent Systems by Lˆž Theory. International Journal of Control, Automation and Systems, 2018, 16, 1254-1262.	1.6	13
118	Monotonically convergent ILC systems designed using bounded real lemma. International Journal of Systems Science, 2012, 43, 2062-2071.	3.7	12
119	State estimation for onâ€"off nonlinear stochastic coupling networks with time delay. Neurocomputing, 2017, 219, 68-75.	3.5	12
120	Distributed multiple model estimation for jump Markov linear systems with missing measurements. International Journal of Systems Science, 2014, 45, 1484-1495.	3.7	11
121	Output feedback robust Hˆž control for spacecraft rendezvous system subject to input saturation: A gain scheduled approach. Journal of the Franklin Institute, 2019, 356, 3899-3921.	1.9	11
122	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.	5.9	11
123	Active collision avoidance maneuver under constant thrust. Advances in Space Research, 2011, 48, 349-361.	1.2	10
124	Distributed Kalman Filter for Multitarget Tracking Systems With Coupled Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6599-6604.	5.9	10
125	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.	5.9	10
126	Feedback iterative learning control for time-delay systems based on 2D analysis approach. Journal of Control Theory and Applications, 2010, 8, 457-463.	0.8	9

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127	Anticipatory approach to design robust iterative learning control for uncertain time–delay systems. Asian Journal of Control, 2011, 13, 38-53.	1.9	9
128	Delay distribution dependent stability criteria for interval time-varying delay systems. Journal of the Franklin Institute, 2012, 349, 3142-3158.	1.9	9
129	Modeling and robust decoupling control for hypersonic scramjet vehicle. Artificial Life and Robotics, 2013, 18, 58-63.	0.7	9
130	Coordination learning control for groups of mobile agents. Journal of the Franklin Institute, 2013, 350, 2183-2211.	1.9	9
131	Precompensation decoupling control with H_∞ performance for 4WS velocity-varying vehicles. International Journal of Systems Science, 2016, 47, 3864-3875.	3.7	9
132	State estimation for nonlinearly coupled complex networks with application to multi-target tracking. Neurocomputing, 2018, 275, 1884-1892.	3.5	9
133	RSS-based joint detection and tracking in mixed LOS and NLOS environments. , 2015, 43, 38-46.		8
134	Bipartite coordination problems on networks of multiple mobile agents. Journal of the Franklin Institute, 2015, 352, 4698-4720.	1.9	8
135	Attenuating diagonal decoupling with robustness for velocity-varying 4WS vehicles. Control Engineering Practice, 2016, 56, 49-59.	3.2	8
136	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.	1.2	8
137	Non-linear velocity observer for vehicles with tyre–road friction estimation. International Journal of Systems Science, 2018, 49, 1403-1418.	3.7	8
138	Adaptive Control of a Hose and Drogue System with Input Nonlinearities and Partial State Constraints. International Journal of Control, Automation and Systems, 2019, 17, 2508-2520.	1.6	8
139	Boundary control and exponential stability of a flexible Timoshenko beam manipulator with measurement delays. IET Control Theory and Applications, 2020, 14, 499-510.	1.2	8
140	Finite-time disturbance attenuation of nonlinear systems. Science in China Series F: Information Sciences, 2009, 52, 2163-2171.	1.1	7
141	Lane keeping control for autonomous 4WS4WD vehicles subject to wheel slip constraint. , 2012, , .		7
142	Robust transcale state estimation for multiresolution discrete–time systems based on wavelet transform. IET Signal Processing, 2013, 7, 228-238.	0.9	7
143	Modeling and input-output decoupling of hypersonic vehicles. International Journal of Control, Automation and Systems, 2015, 13, 156-166.	1.6	7
144	Tangent vector field approach for curved path following with input saturation. Systems and Control Letters, 2017, 104, 49-58.	1.3	7

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145	Transcale average consensus of directed multi-vehicle networks with fixed and switching topologies. International Journal of Control, 2017, 90, 2098-2110.	1.2	7
146	Nonlinear Robust H_{infty} Control for Spacecraft Body-Fixed Hovering Around Noncooperative Target Via Modified $heta -D$ Method. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2451-2463.	2.6	7
147	A new support vector machine for microarray classification and adaptive gene selection. , 2009, , .		6
148	Forming and keeping fast fly-around under constant thrust. Advances in Space Research, 2011, 48, 1421-1431.	1.2	6
149	Rao–Blackwellised particle filtering and smoothing for jump Markov non-linear systems with mode observation. IET Signal Processing, 2013, 7, 327-336.	0.9	6
150	Nonlinear robust H<inf>âˆž</inf> tracking control for 6 DOF spacecraft formation with input saturation. , 2016, , .		6
151	Robust Adaptive Attitude Synchronization of Uncertain Rigid Bodies on Special Orthogonal Group with Communication Delays and Gyro Biases. International Journal of Control, Automation and Systems, 2019, 17, 2769-2783.	1.6	6
152	Robust H2/Hâˆž group consensus control for linear clusters over signed digraphs. Journal of the Franklin Institute, 2020, 357, 7556-7580.	1.9	6
153	Column formation control of multi-robot systems with input constraints. , 2011, , .		5
154	Hierarchical control for path tracking of autonomous vehicles. , 2012, , .		5
155	Constant thrust collision avoidance maneuver under thruster failure. Advances in Space Research, 2012, 49, 373-385.	1.2	5
156	Robust H<inf>&#x221E;</inf> consensus control of uncertain multi-agent systems with nonlinear dynamics and time-varying delays. , 2014, , .		5
157	Extensions of weak-invariance principle for nonlinear switched systems with time-invariant and time-varying subsystems. Systems and Control Letters, 2015, 80, 23-29.	1.3	5
158	Robust Hâˆž control for spacecraft formation flying with coupled translational and rotation dynamics. , 2016, , .		5
159	Event–triggered state estimator for stochastic systems with unknown inputs. IET Signal Processing, 2017, 11, 165-170.	0.9	5
160	Variable-poled Tracking Control of a Two-wheeled Mobile Robot Using Differential Flatness. Journal of Robotics, Networking and Artificial Life, 2014, 1, 12.	0.2	5
161	Modeling And Robust Pi Control Of A Fluidized Bed Combustor For Sewage Sludge. Asian Journal of Control, 2002, 4, 482-493.	1.9	4
162	Delay–dependent robust <i>H</i>₂/<i>H</i>_{âˆž} control for time–delay systems with polytopic uncertainty. Asian Journal of Control, 2010, 12, 661-666.	1.9	4

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163	Two alternative approaches to stochastic discrete-time iterative learning control systems. , 2011, , .		4
164	Parameter optimization for decoupling controllers of 4WS vehicles. Artificial Life and Robotics, 2013, 18, 64-69.	0.7	4
165	Vectorâ€Based Adaptive Attitude Observer and Controller on Special Orthogonal Group. Asian Journal of Control, 2017, 19, 748-764.	1.9	4
166	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.	1.9	4
167	Output Feedback Tracking Control of Flat Systems via Exact Feedforward Linearization and LPV Techniques. International Journal of Control, Automation and Systems, 2019, 17, 606-616.	1.6	4
168	Attitude Reorientation of Spacecraft with Attitude Forbidden Zones. Journal of Robotics, Networking and Artificial Life, 2015, 2, 13.	0.2	4
169	Constrained Attitude Control of Uncertain Spacecraft With Appointed-Time Control Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 178-190.	5.9	4
170	Tracking control for first-order multi-agent systems. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2008, 3, 283-289.	0.6	3
171	Flocking for swarm systems with fixed topology in a changing environment. Journal of Control Theory and Applications, 2008, 6, 333-339.	0.8	3
172	Average consensus for networks of continuous-time agents with delayed information and jointly-connected topologies. , 2009, , .		3
173	Robust H_2/H_∞ control for timeâ€delay systems with polytopic uncertainty. Asian Journal of Control, 2009, 11, 11-20.	1.9	3
174	Static state feedback triangular block decoupling for arbitrary systems: aÂstate-space method. International Journal of Control, 2017, 90, 1428-1436.	1.2	3
175	Stereovision-based Relative Motion Estimation Between Non-cooperative spacecraft. , 2019, , .		3
176	Characteristic Model Based Robust H_∞ Control for Spacecraft Rendezvous and Proximity Operations. , 2021, , .		3
177	Output feedback control of mixed H_2/H_∞ multi-agent consensus via an inner auxiliary system approach. Systems and Control Letters, 2021, 158, 105064.	1.6	3
178	Flocking for multi-agent systems with switching topology in a noisy environment. , 2008, , .		2
179	Gaussian mixture PHD smoother for jump Markov models in multiple maneuvering targets tracking. , 2011, , .		2
180	Evaluation of Initial Input Effects on Discreteâ€Time Stochastic Iterative Learning Control. Asian Journal of Control, 2013, 15, 1833-1843.	1.9	2

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181	Finite-time consensus control for multiple manipulators with unmodeled dynamics. , 2013, , .		2
182	Robust Control for Elliptical Orbit Spacecraft Rendezvous Using Implicit Lyapunov Function. Lecture Notes in Electrical Engineering, 2016, , 277-287.	0.3	2
183	Model matching control for MIMO systems with multiple time delays and its applications in adaptive scheme. , 2010, , .		1
184	Observer-based L<inf>2</inf>–L<inf>∞</inf> control for a class of stochastic systems with time-varying delay. , 2010, , .		1
185	Robust L_2−L_∞ Filtering for Stochastic Systems with Discrete and Distributed Time‐Varying Delays. Asian Journal of Control, 2012, 14, 1047-1058.	1.9	1
186	Consensus control for directed networks with multiple higher-order discrete dynamic agents: An ILC-based approach. , 2012, , .		1
187	Formation learning algorithms for mobile agents subject to 2-D dynamically changing topologies. , 2013, , .		1
188	State estimation for jump Markov linear systems with uncompensated biases. , 2013, , .		1
189	Wheel slip estimation based on real-time identification of tire-road friction conditions. , 2013, , .		1
190	Event-based consensus control of multi-agent systems by LMI theory. , 2014, , .		1
191	Adaptive output feedback tracking control for 6 DOF spacecraft formation flying under actuator faults. , 2015, , .		1
192	Strict Lyapunov Functions for Homogeneous Time-Varying Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-9.	5.9	1
193	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.	1.2	1
194	A new class of strict Lyapunov functions for nonlinear time-varying systems. Automatica, 2020, 112, 108697.	3.0	1
195	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
196	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
197	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
198	Containment Control With Different Constraints. IEEE Transactions on Control of Network Systems, 2023, 10, 579-585.	2.4	1

#	Article	IF	Citations
199	L<inf>2</inf>&#x2013;L<inf>&#x221E;</inf> filter design for neutral stochastic time-delay systems. , 2010, , .		0
200	Adaptive iterative learning control for uncertain delay systems based on model matching technique. , 2011, , .		0
201	Simultaneous scan-based emitter passive localization and receiver trajectory optimization. , 2012, , .		0
202	Stochastic H<inf>2</inf> optimal control of discrete-time Markov jump systems with periodic coefficients. , 2012, , .		0
203	New delay-dependent stability criteria for linear time-delay systems with two additive time-varying delay components. , 2012, , .		0
204	A novel H-infinity filtering for road constrained target tracking. , 2012, , .		0
205	Field-of-view constrained guidance algorithm for -V-bar constant thrust departure. Advances in Space Research, 2012, 49, 1129-1139.	1.2	0
206	Delay distribution dependent stability criteria for discrete-time systems with interval time-varying delay. , 2013, , .		0
207	A robust orbit design method for constant thrust collision avoidance maneuver. , 2014, , .		0
208	Adaptive Finite-Time Bipartite Consensus for Nonlinear Coopetition Multi-agent Systems with Unknown External Disturbances. Lecture Notes in Electrical Engineering, 2016, , 33-42.	0.3	0
209	EKF-based state estimation for nonlinear complex networks. , 2017, , .		0
210	Feature extraction and image registration in the final approaching phase of rendezvous and docking. , 2018, , .		0
211	State-Predictor-Based Adaptive Neural Dynamic Surface Control of Uncertain Strict-Feedback Systems with Unknown Control Direction. , 2019, , .		0
212	Finite Time Output Feedback Attitude Tracking Control for Rigid Body Based on Extended State Observer. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	0
213	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
214	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
215	Fixed-time Attitude Stabilization for Spacecraft Based on Active Disturbance Rejection Method. , 2021, , .		0
216	Robust Fixed-Time Attitude Stabilization of Flexible Spacecraft via Active Disturbance Rejection Method. Lecture Notes in Electrical Engineering, 2022, , 813-823.	0.3	0

#	Article	IF	Citations
217	Development of a Simulation Platform for Spacecraft Omni-directional Rendezvous. Lecture Notes in Electrical Engineering, 2016, , 77-88.	0.3	0
218	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
219	Data Missing Process by Extended Kalman Filter with Equality Constraints. Lecture Notes in Electrical Engineering, 2018, , 201-210.	0.3	0
220	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
221	Time-Varying Lyapunov Function for Mechanical Systems. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 395-398.	0.1	0
222	Distributed Rotating Encirclement Control of Strict-Feedback Multi-Agent Systems Using Bearing Measurements. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 313-316.	0.1	0
223	Neuro-Adaptive Control of High-Speed Trains under Uncertain Wheel-Rail Relationship. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 706-711.	0.1	0
224	Distributed Finite-Time Rotating Encirclement Control for Second-Order Agent Dynamics. Lecture Notes in Electrical Engineering, 2021, , 1-9.	0.3	0
225	Finite-Level Quantized Min-Consensus Control Based on Encoding-Decoding. IEEE Transactions on Cybernetics, 2023, 53, 6788-6802.	6.2	0