

Yijing Wang

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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.

94
papers

1,471
citations

21
h-index

36
g-index

138
ext. papers

1,862
ext. citations

3.8
avg, IF

5.26
L-index

#	Paper	IF	Citations
94	Fault tolerant control for singular systems with actuator saturation and nonlinear perturbation. <i>Automatica</i> , 2010 , 46, 569-576	5.7	195
93	Disturbance Observer-Based Integral Sliding-Mode Control for Systems With Mismatched Disturbances. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 7040-7048	8.9	194
92	A new method for stability analysis of recurrent neural networks with interval time-varying delay. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 339-44		98
91	Adaptive Fault-Tolerant Tracking Control for Linear and Lipschitz Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 1-1	8.9	80
90	Reachable set bounding for delayed systems with polytopic uncertainties: The maximal Lyapunov-Rasovskii functional approach. <i>Automatica</i> , 2010 , 46, 949-952	5.7	80
89	On finite-time stability for nonlinear impulsive switched systems. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 807-814	2.1	43
88	Dynamic event-triggered and self-triggered output feedback control of networked switched linear systems. <i>Neurocomputing</i> , 2018 , 314, 39-47	5.4	42
87	A Novel Design Method for Resolver-to-Digital Conversion. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 1-1	8.9	41
86	Controller synthesis for Markovian jump systems with incomplete knowledge of transition probabilities and actuator saturation. <i>Journal of the Franklin Institute</i> , 2011 , 348, 2417-2429	4	41
85	A non-ellipsoidal reachable set estimation for uncertain neural networks with time-varying delay. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 1097-1106	3.7	37
84	A note on reachable set bounding for delayed systems with polytopic uncertainties. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1827-1835	4	36
83	On exponential stability analysis for neural networks with time-varying delays and general activation functions. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012 , 17, 1447-1459	3.7	36
82	Dynamic Output Feedback Control for Systems Subject to Actuator Saturation via Event-Triggered Scheme. <i>Asian Journal of Control</i> , 2018 , 20, 207-215	1.7	28
81	Dynamic event-triggered and self-triggered control for saturated systems with anti-windup compensation. <i>Journal of the Franklin Institute</i> , 2017 , 354, 7624-7642	4	25
80	Event-triggered control for switched systems in the presence of actuator saturation. <i>International Journal of Systems Science</i> , 2018 , 49, 1478-1490	2.3	25
79	Average dwell time approach to finite-time stabilization of switched singular linear systems. <i>Journal of the Franklin Institute</i> , 2015 , 352, 2920-2933	4	25
78	Self-Triggered and Event-Triggered Control for Linear Systems With Quantization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3136-3144	7.3	25

77	Robust H ∞ control of discrete-time Markovian jump systems in the presence of incomplete knowledge of transition probabilities and saturating actuator. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 1753-1764	3.6	24
76	Trajectory Planning and Safety Assessment of Autonomous Vehicles Based on Motion Prediction and Model Predictive Control. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8546-8556	6.8	22
75	Finite-Time Stability Analysis of Impulsive Switched Discrete-Time Linear Systems: The Average Dwell Time Approach. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 1877-1886	2.2	22
74	On Finite-Time Stochastic Stability and Stabilization of Markovian Jump Systems Subject to Partial Information on Transition Probabilities. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 1973-1983	2.2	22
73	Stochastic Stabilization of Markovian Jump Systems with Partial Unknown Transition Probabilities and Actuator Saturation. <i>Circuits, Systems, and Signal Processing</i> , 2012 , 31, 371-383	2.2	21
72	Layered event-triggered control for group consensus with both competition and cooperation interconnections. <i>Neurocomputing</i> , 2018 , 275, 1964-1972	5.4	19
71	Double-Integrator Dynamics for Multiagent Systems With Antagonistic Reciprocity. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4110-4120	10.2	19
70	Finite-time stabilization of switched nonlinear systems with partial unstable modes. <i>Applied Mathematics and Computation</i> , 2016 , 291, 172-181	2.7	17
69	Fixed-Time Active Disturbance Rejection Control and Its Application to Wheeled Mobile Robots. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	14
68	Bipartite consensus for a network of wave equations with time-varying disturbances. <i>Systems and Control Letters</i> , 2020 , 136, 104604	2.4	13
67	L2-gain fault tolerant control of singular Lipschitz systems in the presence of actuator saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1751-1766	3.6	12
66	An Improved Set Invariance Analysis and Gain-Scheduled Control of LPV Systems Subject to Actuator Saturation. <i>Circuits, Systems, and Signal Processing</i> , 2007 , 26, 635-649	2.2	12
65	Quantizer-Based Triggered Control for Chaotic Synchronization With Information Constraints. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2500-2508	10.2	11
64	A new method of reachable set estimation for time delay systems with polytopic uncertainties. <i>Applied Mathematics and Computation</i> , 2013 , 221, 639-647	2.7	11
63	Stabilization of linear systems with direct feedthrough term in the presence of output saturation. <i>Automatica</i> , 2017 , 77, 254-258	5.7	10
62	Finite-time boundedness of switched delay systems: the reciprocally convex approach. <i>IET Control Theory and Applications</i> , 2014 , 8, 1575-1580	2.5	10
61	Event-triggered state-dependent switching rule design for switched linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 6239-6253	3.6	10
60	MPC-Based Cooperative Control Strategy of Path Planning and Trajectory Tracking for Intelligent Vehicles. <i>IEEE Transactions on Intelligent Vehicles</i> , 2021 , 6, 513-522	5	10

59	On enlarging the domain of attraction for linear systems subject to actuator saturation. <i>International Journal of General Systems</i> , 2008 , 37, 239-248	2.1	9
58	Finite-time stochastic stabilization for uncertain Markov jump systems subject to input constraint. <i>Transactions of the Institute of Measurement and Control</i> , 2014 , 36, 283-288	1.8	8
57	Output-based dynamic event-triggering control for sensor saturated systems with external disturbance. <i>Applied Mathematics and Computation</i> , 2020 , 374, 125043	2.7	7
56	Containment control for distributed networks subject to multiplicative and additive noises with stochastic approximation type protocols. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 665-684	3.6	7
55	Active Event-Triggered Control for Nonlinear Networked Control Systems With Communication Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2409-2418	10.2	7
54	Synchronization of Lurie systems with quantized and triggered control under limited transmission capacity 2017 ,		6
53	Synchronization of Lurie Systems Under Limited Network Transmission Capacity With Quantization and One-Step Packet Dropout: An Active Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	6
52	Coordination for second-order multi-agent systems with velocity and communication constraints. <i>Neurocomputing</i> , 2020 , 375, 51-61	5.4	5
51	Resilient Consensus of Multiagent Systems Against Denial-of-Service Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	5
50	Event-triggered composite nonlinear control for saturated systems with measurement feedback. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 3943-3951	1.8	4
49	Anti-windup compensator synthesis for saturated systems via event-triggered scheme 2016 ,		4
48	Stability Analysis and Controller Design for Linear Time Delay Systems with Actuator Saturation. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	4
47	Multiple Performance Analysis for Nonlinear Networked Control Systems with Limited Channels 2018 ,		4
46	Fixed-Time Formation Control for Wheeled Mobile Robots With Prescribed Performance. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-8	4.8	4
45	Composite nonlinear feedback with dynamic event-triggered mechanism for control systems in the presence of saturation nonlinearity. <i>Asian Journal of Control</i> , 2020 , 23, 1503	1.7	3
44	Finite-time stability analysis of impulsive discrete-time switched systems with nonlinear perturbation. <i>International Journal of Control</i> , 2014 , 1-7	1.5	3
43	Robust Stability and Stabilization of Discrete Time-Delay System with Time-Varying Delay and Non-Linear Perturbations 2008 ,		3
42	Event-triggered control for switched systems with both continuous-time and discrete-time subsystems. <i>International Journal of Systems Science</i> , 2020 , 51, 180-190	2.3	3

41	Bipartite consensus for multi-agent systems with noises over Markovian switching topologies. <i>Neurocomputing</i> , 2021 , 419, 295-305	5.4	3
40	Fast Nonlinear Model Predictive Control Parallel Design Using QPSO and Its Applications on Trajectory Tracking of Autonomous Vehicles 2018 ,		3
39	Autonomous Vehicles Path Planning With Enhanced Ant Colony optimization 2019 ,		2
38	Adaptive Bipartite Tracking Control of Nonlinear Multi-Agent Systems with Unknown Hysteresis. <i>IFAC-PapersOnLine</i> , 2017 , 50, 5516-5521	0.7	2
37	Containment control of multi-agent systems with measured noise based on the Kalman-Bucy filtering theory 2017 ,		2
36	Further Results on Robust Variance-Constrained Filtering for Uncertain Stochastic Systems with Missing Measurements. <i>Circuits, Systems, and Signal Processing</i> , 2010 , 29, 901-912	2.2	2
35	Delay-dependent Robust Stabilizability Criterion for Switched Time-delay Systems with Polytopic Uncertainties 2008 ,		2
34	Delay-dependent Robust H _∞ Control for a Class of Switched Systems with Time Delay 2008 ,		2
33	New Absolute Stability Condition for Time-Delay Systems with Sector-Bounded Nonlinearity. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	2
32	On quadratic stabilizability of linear switched systems with polytopic uncertainties		2
31	Model predictive longitudinal control for autonomous electric vehicles with tracking differentiator. <i>International Journal of Systems Science</i> , 2021 , 52, 2564-2579	2.3	2
30	Fixed-Time Quasi-Containment Control with Antagonistic Nodes 2019 ,		2
29	Distributed consensus of linear multi-agent systems with fault tolerant control protocols 2014 ,		1
28	Finite-time stabilization of linear systems with actuator fault and quantization 2014 ,		1
27	New Criteria of Reachable Set Estimation for Time Delay Systems Subject to Polytopic Uncertainties. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 231-235		1
26	Guaranteed Cost Control for Systems with Saturating Actuators and Input Delays 2008 ,		1
25	Global Asymptotic Stability Analysis for Neural Networks with Time-Varying Delays 2006 ,		1
24	Modeling and Stability Analysis of DC Microgrid with Constant Power Loads 2021 ,		1

23	Differential privacy for bipartite consensus over signed digraph. <i>Neurocomputing</i> , 2022 , 468, 11-21	5.4	1
22	Reachable set estimation and synthesis of discrete-time switched systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8060-8073	3.6	1
21	A lateral control strategy for unmanned ground vehicles with model predictive control and active disturbance rejection control. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 3473-3482	1.8	1
20	Bipartite consensus for a network of wave PDEs over a signed directed graph. <i>Automatica</i> , 2021 , 129, 109640	5.7	1
19	Event-triggered control for neutrally stable linear systems subject to output saturation 2019 ,		1
18	Stabilization of non-smooth variable order switched nonlinear systems. <i>ISA Transactions</i> , 2021 , 110, 160-171	4.7	1
17	Event-triggered dynamic anti-windup augmentation for saturated systems. <i>International Journal of Systems Science</i> , 2021 , 52, 196-216	2.3	1
16	Adaptive control for discontinuous variable-order fractional systems with disturbances. <i>Nonlinear Dynamics</i> , 2021 , 103, 1693-1708	5	1
15	Synthesis and L2-gain analysis for switched systems under event-triggered switching. <i>Asian Journal of Control</i> ,	1.7	1
14	Reference input and hysteresis quantizer based triggered control for networked control systems over limited channels. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2614-2632	3.6	1
13	Attack-State Estimation for Cyber-Physical Systems: A Graph Theory Perspective 2018 ,		1
12	Stabilization of Wave Equation with Boundary Saturated Control 2018 ,		1
11	Stochastic bipartite consensus with measurement noises and antagonistic information. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7761-7785	4	1
10	Event-Triggered Control for Networked Switched Systems With Quantization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-9	7.3	0
9	Composite Nonlinear Path-Following Control for Unmanned Ground Vehicles With Anti-Windup ESO. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	0
8	Mean Square Bipartite Consensus for Multiagent Systems With Antagonistic Information and Time-Varying Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	0
7	Low frequency Lagrange stabilization for pendulum-like systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4856-4868	3.6	0
6	Active Synchronization for Double-Integrator Network Systems Without Velocity Information. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	0

- 5 Event-triggered bipartite consensus for multi-agent systems subject to multiplicative and additive noises. *Applied Mathematics and Computation*, **2022**, 429, 127235 2.7 ○
- 4 Active Control Strategy for Disturbed Switched Systems Under Asynchronous DoS Attacks **2022**, 6, 2701-2706 ○
- 3 Finite-time stability of discrete-time switched singular systems with all unstable modes. *International Journal of System Control and Information Processing*, **2017**, 2, 142 ○
- 2 Composite control for trajectory tracking of wheeled mobile robots with NLESO and NTSMC. *IET Control Theory and Applications*, **2021**, 15, 1686-1694 2.5
- 1 Formation Control of Wheeled Mobile Robots With Multiple Virtual Leaders Under Communication Failures. *IEEE Transactions on Control Systems Technology*, **2022**, 1-11 4.8