

Yijing Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3559260/yijing-wang-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
93	Differential privacy for bipartite consensus over signed digraph. <i>Neurocomputing</i> , 2022 , 468, 11-21	5.4	1
92	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
91	Event-triggered bipartite consensus for multi-agent systems subject to multiplicative and additive noises. <i>Applied Mathematics and Computation</i> , 2022 , 429, 127235	2.7	0
90	Active Control Strategy for Disturbed Switched Systems Under Asynchronous DoS Attacks 2022 , 6, 2701-2706		0
89	Formation Control of Wheeled Mobile Robots With Multiple Virtual Leaders Under Communication Failures. <i>IEEE Transactions on Control Systems Technology</i> , 2022 , 1-11	4.8	
88	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
87	Modeling and Stability Analysis of DC Microgrid with Constant Power Loads 2021 ,		1
86	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
85	Low frequency Lagrange stabilization for pendulum-like systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4856-4868	3.6	0
84	Composite control for trajectory tracking of wheeled mobile robots with NLESO and NTSMC. <i>IET Control Theory and Applications</i> , 2021 , 15, 1686-1694	2.5	
83	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
82	Bipartite consensus for a network of wave PDEs over a signed directed graph. <i>Automatica</i> , 2021 , 129, 109640	5.7	1
81	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
80	Stabilization of non-smooth variable order switched nonlinear systems. <i>ISA Transactions</i> , 2021 , 110, 160-171	3.1	1
79	Bipartite consensus for multi-agent systems with noises over Markovian switching topologies. <i>Neurocomputing</i> , 2021 , 419, 295-305	5.4	3
78	Event-triggered dynamic anti-windup augmentation for saturated systems. <i>International Journal of Systems Science</i> , 2021 , 52, 196-216	2.3	1

77	Adaptive control for discontinuous variable-order fractional systems with disturbances. <i>Nonlinear Dynamics</i> , 2021 , 103, 1693-1708	5	1
76	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
75	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
74	Stochastic bipartite consensus with measurement noises and antagonistic information. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7761-7785	4	1
73	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
72	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
71	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
70	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
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	Double-Integrator Dynamics for Multiagent Systems With Antagonistic Reciprocity. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4110-4120	10.2	19
66	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
65	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
64	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
63	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
62	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
61	Coordination for second-order multi-agent systems with velocity and communication constraints. <i>Neurocomputing</i> , 2020 , 375, 51-61	5.4	5
60	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

59	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
58	Autonomous Vehicles Path Planning With Enhanced Ant Colony optimization 2019 ,		2
57	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
56	Event-triggered control for neutrally stable linear systems subject to output saturation 2019 ,		1
55	Fixed-Time Quasi-Containment Control with Antagonistic Nodes 2019 ,		2
54	Layered event-triggered control for group consensus with both competition and cooperation interconnections. <i>Neurocomputing</i> , 2018 , 275, 1964-1972	5.4	19
53	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
52	Quantizer-Based Triggered Control for Chaotic Synchronization With Information Constraints. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2500-2508	10.2	11
51	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
50	Attack-State Estimation for Cyber-Physical Systems: A Graph Theory Perspective 2018 ,		1
49	Fast Nonlinear Model Predictive Control Parallel Design Using QPSO and Its Applications on Trajectory Tracking of Autonomous Vehicles 2018 ,		3
48	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
47	Stabilization of Wave Equation with Boundary Saturated Control 2018 ,		1
46	Multiple Performance Analysis for Nonlinear Networked Control Systems with Limited Channels 2018 ,		4
45	Dynamic event-triggered and self-triggered output feedback control of networked switched linear systems. <i>Neurocomputing</i> , 2018 , 314, 39-47	5.4	42
44	Stabilization of linear systems with direct feedthrough term in the presence of output saturation. <i>Automatica</i> , 2017 , 77, 254-258	5.7	10
43	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
42	Synchronization of Lurie systems with quantized and triggered control under limited transmission capacity 2017 ,		6

41	Adaptive Bipartite Tracking Control of Nonlinear Multi-Agent Systems with Unknown Hysteresis. <i>IFAC-PapersOnLine</i> , 2017 , 50, 5516-5521	0.7	2
40	Finite-time stability of discrete-time switched singular systems with all unstable modes. <i>International Journal of System Control and Information Processing</i> , 2017 , 2, 142	0	
39	Containment control of multi-agent systems with measured noise based on the Kalman-Bucy filtering theory 2017 ,		2
38	Finite-time stabilization of switched nonlinear systems with partial unstable modes. <i>Applied Mathematics and Computation</i> , 2016 , 291, 172-181	2.7	17
37	Anti-windup compensator synthesis for saturated systems via event-triggered scheme 2016 ,		4
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	Distributed consensus of linear multi-agent systems with fault tolerant control protocols 2014 ,		1
28	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
27	Finite-time stabilization of linear systems with actuator fault and quantization 2014 ,		1
26	A Novel Design Method for Resolver-to-Digital Conversion. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 1-1	8.9	41
25	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
24	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

23	On finite-time stability for nonlinear impulsive switched systems. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 807-814	2.1	43
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	Fault tolerant control for singular systems with actuator saturation and nonlinear perturbation. <i>Automatica</i> , 2010 , 46, 569-576	5.7	195
12	Reachable set bounding for delayed systems with polytopic uncertainties: The maximal Lyapunov-Krasovskii functional approach. <i>Automatica</i> , 2010 , 46, 949-952	5.7	80
11	Robust Stability and Stabilization of Discrete Time-Delay System with Time-Varying Delay and Non-Linear Perturbations 2008 ,		3
10	Delay-dependent Robust Stabilizability Criterion for Switched Time-delay Systems with Polytopic Uncertainties 2008 ,		2
9	Delay-dependent Robust H_{∞} Control for a Class of Switched Systems with Time Delay 2008 ,		2
8	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
7	Guaranteed Cost Control for Systems with Saturating Actuators and Input Delays 2008 ,		1
6	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

5	New Absolute Stability Condition for Time-Delay Systems with Sector-Bounded Nonlinearity. <i>Proceedings of the American Control Conference, 2007,</i>	1.2	2
4	Stability Analysis and Controller Design for Linear Time Delay Systems with Actuator Saturation. <i>Proceedings of the American Control Conference, 2007,</i>	1.2	4
3	Global Asymptotic Stability Analysis for Neural Networks with Time-Varying Delays 2006,		1
2	On quadratic stabilizability of linear switched systems with polytopic uncertainties		2
1	Synthesis and L2-gain analysis for switched systems under event-triggered switching. <i>Asian Journal of Control,</i>	1.7	1