Yujuan Wang

List of Articles by Year in descending order

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Version: 2025-02-01

71 peer-reviewed articles	3,639 peer-reviewed citations	438935 21 peer-reviewed h-index	94350 6.22 score
97 documents	4434 doc citations	508397 21 h-index	3273 citing authors

#	Article	IF	Citations
1	Asymptotic Leader-Following Consensus of Heterogeneous Multi-Agent Systems With Unknown and Time-Varying Control Gains. IEEE Transactions on Automation Science and Engineering, 2025, 22, 2768-2779.	7.3	31
2	Unifying Fixed Time and Prescribed Time Control for Strict-Feedback Nonlinear Systems. IEEE/CAA Journal of Automatica Sinica, 2025, 12, 347-355.	6.6	28
3	Angle Rigidity-Based Communication-Free Adaptive Formation Control for Nonlinear Multiagent Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2025, 55, 500-511.	8.2	7
4	A distributed algorithm for the multi-robot minimum time task allocation problem. Industrial Robot, 2025, 52, 334-342.	1.5	2
5	Global prescribed performance control for lane-keeping of automated vehicles considering input saturation. Journal of Automation and Intelligence, 2025, 4, 65-71.	2.2	9
6	Finite-gain based adaptive predefined-time control for a class of strict-feedback systems subject to output constraints. Automatica, 2025, 173, 112072.	4.8	14
7	Practical Prescribed-Time Bipartite Consensus Tracking Control for Non-Affine Multiagent Systems Under Actuation Faults. International Journal of Robust and Nonlinear Control, 2025, 35, 4782-4795.	1.9	3
8	Unified Output Feedback Based Prescribed Performance Consensus Tracking Control of Heterogeneous Multi-Agent Systems. IEEE/CAA Journal of Automatica Sinica, 2025, 12, 1636-1647.	6.6	9
9	A Novel Approach to Prescribed-Time Cooperative Output Regulation in Linear Heterogeneous Multi-Agent Systems Using Cascade System Criteria. IEEE Transactions on Circuits and Systems I: Regular Papers, 2025, 72, 2842-2855.	3.6	2
10	Exponential Tracking Control With Guaranteed Performance for Strict-Feedback Systems Under Deferred Full-State Asymmetric Constraints. IEEE Transactions on Automation Science and Engineering, 2025, 22, 15650-15661.	7.3	8
11	Finite-gain based prescribed-time rotating containment control for second-order multi-agent systems. Journal of the Franklin Institute, 2025, 362, 107721.	2.4	1
12	Adaptive Asymptotic Exponential Regulation for Nonparametric Uncertain Strict-Feedback Systems With Asymmetric Time-Varying Output Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2025, 55, 6254-6263.	6.0	1
13	Achieving Distributed Convex Optimization Within Prescribed Time for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2025, 55, 4784-4797.	8.2	5
14	Global Prescribed Performance Control for Strict Feedback Systems Pursuing Uncertain Target. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2403-2412.	7.9	30
15	Performance-Based Distributed Control of Multiagent Systems: A Dual Phase Approach. IEEE Transactions on Cybernetics, 2024, 54, 4124-4137.	8.2	15
16	Finite-time tracking control for time-delayed pure-feedback systems with guaranteed performance. International Journal of Robust and Nonlinear Control, 2024, 34, 3011-3032.	1.9	3
17	A Unified Approach for Tracking Control of MIMO Nonlinear Systems Under Unknown Control Directions and Irregular Constraints. IEEE Transactions on Automation Science and Engineering, 2024, 21, 6845-6854.	7.3	15
18	Practical Prescribed Time Tracking Control With Bounded Time-Varying Gain Under Non-Vanishing Uncertainties. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 219-230.	6.6	75

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19	Dynamic Constraint-Driven Event-Triggered Control of Strict-Feedback Systems Without Max/Min Values on Irregular Constraints. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 569-580.	6.6	11
20	Directed Formation Control Using Distance and Angle in Local Coordinate Frameworks. IEEE Transactions on Industrial Electronics, 2024, 71, 14722-14729.	5.9	9
21	Asymptotic Tracking Control of SISO Nonlinear Systems With Unknown Time-Varying Coefficients: A Global Performance Guaranteed Solution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 3717-3727.	6.0	22
22	Low Complexity Distributed Synchronization of Uncertain Nonlinear Multi-Agent Systems With Global Funnel Performance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2024, 71, 5362-5370.	3.6	10
23	Time Axis Shifting Finite-Gain-Based Prescribed-Time Tracking Control Under Non-vanishing Disturbances. IEEE Transactions on Industrial Electronics, 2024, 71, 16368-16376.	5.9	10
24	Achieving Given Precision Within Prescribed Time yet With Guaranteed Transient Behavior via Output Based Event-Triggered Control. IEEE/CAA Journal of Automatica Sinica, 2024, 11, 2059-2067.	6.6	8
25	Event-triggered prescribed-time control for a class of uncertain nonlinear systems using finite time-varying gain. ISA Transactions, 2024, 152, 167-176.	4.5	17
26	Tracking Control of Self-Restructuring Systems: A Low-Complexity Neuroadaptive PID Approach With Guaranteed Performance. IEEE Transactions on Cybernetics, 2023, 53, 3176-3189.	8.2	28
27	Neuroadaptive Fault-Tolerant Control With Guaranteed Performance for Euler–Lagrange Systems Under Dying Power Faults. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10447-10457.	7.9	11
28	Semi-globally tracking control for uncertain non-affine self-restructuring systems with state constraints. International Journal of Robust and Nonlinear Control, 2023, 33, 1335-1350.	1.9	3
29	Global Consensus Tracking Control for High-Order Nonlinear Multiagent Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2023, 53, 6529-6537.	8.2	72
30	Prescribed-Time Tracking With Guaranteed Performance for a Class of Self-Switching Systems Under Unknown Control Directions. IEEE Transactions on Cybernetics, 2023, 53, 5918-5927.	8.2	18
31	Adaptive Prescribed Finite Time Control for Strict-Feedback Systems. IEEE Transactions on Automatic Control, 2023, 68, 5729-5736.	4.9	92
32	Asymptotic containment control of uncertain multi-agent systems with partially unknown non-identical control directions. Journal of the Franklin Institute, 2023, 360, 4456-4475.	2.4	5
33	Event-triggered adaptive control of strict-feedback nonlinear systems under output constraints and unknown control direction. International Journal of Robust and Nonlinear Control, 2023, 33, 5871-5891.	1.9	10
34	Practical prescribed-time tracking control for uncertain strict-feedback systems with guaranteed performance under unknown control directions. Journal of Automation and Intelligence, 2023, 2, 99-104.	2.2	8
35	Fully Automated Neural Network Framework for Pulmonary Nodules Detection and Segmentation. AI Communications, 2023, 36, 269-284.	0.6	2
36	Sliding mode based prescribed-time consensus tracking control of second-order multi-agent systems. Automatica, 2023, 158, 111296.	4.8	64

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37	Asymptotic Tracking Control for Uncertain MIMO Systems: A Biologically Inspired ESN Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1881-1890.	7.9	5
38	Truly Distributed Finite-Time Attitude Formation-Containment Control for Networked Uncertain Rigid Spacecraft. IEEE Transactions on Cybernetics, 2022, 52, 5882-5896.	8.2	40
39	Finite-time tracking for state-constrained strict-feedback systems without feasibility conditions. International Journal of Robust and Nonlinear Control, 2022, 32, 6002-6016.	1.9	6
40	Asymptotic tracking control for state-constrained strict-feedback systems with non-vanishing uncertainties. International Journal of Robust and Nonlinear Control, 2022, 32, 6017-6034.	1.9	7
41	Globally Exponentially Stable Tracking Control of Self-Restructuring Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 4755-4765.	8.2	21
42	Neuroadaptive Fault-Tolerant Control Under Multiple Objective Constraints With Applications to Tire Production Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3391-3400.	7.9	11
43	Zero-Error Consensus Tracking With Preassignable Convergence for Nonaffine Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 1300-1310.	8.2	36
44	Reflectance model for filament yarn composed of different color monofilaments. Journal of the Textile Institute, 2021, 112, 2039-2047.	1.3	11
45	Velocity-Observer-Based Distributed Finite-Time Attitude Tracking Control for Multiple Uncertain Rigid Spacecraft. IEEE Transactions on Industrial Informatics, 2020, 16, 2509-2519.	7.0	71
46	A general approach to precise tracking of nonlinear systems subject to non-vanishing uncertainties. Automatica, 2019, 106, 306-314.	4.8	42
47	Regular error feedback based adaptive practical prescribed time tracking control of normal-form nonaffine systems. Journal of the Franklin Institute, 2019, 356, 2759-2779.	2.4	78
48	Prescribed-Time Consensus and Containment Control of Networked Multiagent Systems. IEEE Transactions on Cybernetics, 2019, 49, 1138-1147.	8.2	716
49	Time-varying feedback for stabilization in prescribed finite time. International Journal of Robust and Nonlinear Control, 2019, 29, 618-633.	1.9	262
50	Leader-following control of high-order multi-agent systems under directed graphs: Pre-specified finite time approach. Automatica, 2018, 87, 113-120.	4.8	259
51	Adaptive Fault-Tolerant PI Tracking Control With Guaranteed Transient and Steady-State Performance. IEEE Transactions on Automatic Control, 2017, 62, 481-487.	4.9	191
52	Fraction Dynamic-Surface-Based Neuroadaptive Finite-Time Containment Control of Multiagent Systems in Nonaffine Pure-Feedback Form. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 678-689.	7.9	167
53	Collectively Rotating Formation and Containment Deployment of Multiagent Systems: A Polar Coordinate-Based Finite Time Approach. IEEE Transactions on Cybernetics, 2017, 47, 2161-2172.	8.2	43
54	Distributed Adaptive Finite-Time Approach for Formation-Containment Control of Networked Nonlinear Systems Under Directed Topology. IEEE Transactions on Neural Networks and Learning Systems, 2017, , 1-12.	7.9	58

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55	Time-varying feedback for regulation of normal-form nonlinear systems in prescribed finite time. Automatica, 2017, 83, 243-251.	4.8	1,205
56	Adaptive finite time coordinated consensus for high-order multi-agent systems: Adjustable fraction power feedback approach. Information Sciences, 2016, 372, 392-406.	4.7	71
57	Distributed Fault-Tolerant Control of Virtually and Physically Interconnected Systems With Application to High-Speed Trains Under Traction/Braking Failures. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 535-545.	6.0	89
58	Fault-tolerant finite time consensus for multiple uncertain nonlinear mechanical systems under single-way directed communication interactions and actuation failures. Automatica, 2016, 63, 374-383.	4.8	239
59	Robust Adaptive Fault-tolerant Control of Multi-agent Systems with Uncertain Non-identical Dynamics and Undetectable Actuation Failures. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	5.9	121
60	Global conservative and multipeakon conservative solutions for the two-component Camassa-Holm system. Boundary Value Problems, 2013, 2013, .	1.1	1
61	Dissipative solutions for the modified two–component Camassa–Holm system. Nonlinear Differential Equations and Applications, 2013, 21, 339-360.	0.7	1
62	Global conservative and dissipative solutions of a coupled Camassa-Holm equations. Journal of Mathematical Physics, 2011, 52, .	0.8	18
63	Achieving Convex Optimization Within Prescribed Time for Networked Euler–Lagrange Systems: A Novel Adaptive Distributed Approach With Small-Gain Conditions. IEEE Transactions on Cybernetics, 0, 56, 509-522.	8.2	4
64	Finite-gain based prescribed-time consensus control for multi-agent systems under switching topology. Automatica, 0, 183, 112686.	4.8	7
65	Prescribed-Time Consensus Tracking of Multiagent Systems Under Denial-of-Service Attacks With Application to Unmanned Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 0, 56, 3075-3085.	6.0	3
66	A New Implementation Pathway: Self-Adjusting Performance Function-Based Control for Strict-Feedback Systems Under Input Saturation. IEEE Transactions on Cybernetics, 0, 56, 4645-4655.	8.2	2
67	Prescribed-Time Control of Nonlinear Systems With Unknown Coefficients: An Event-Triggered Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 0, 56, 4047-4056.	6.0	0
68	A Novel Approach for Adaptive Tracking Control of Nonlinear Systems Subject to Long-Range-Dependent Stochastic Disturbances. IEEE Transactions on Cybernetics, 0, 56, 5233-5243.	8.2	0
69	Practical Prescribed-Time Rigid Formation Maneuvering Control Under Performance Constraints. IEEE Transactions on Industrial Electronics, 0, 73, 13756-13765.	5.9	0
70	Distributed Prescribed-Time Optimization for Multi-Agent Systems Over Switching Networks. IEEE Transactions on Automation Science and Engineering, 0, 23, 10213-10223.	7.3	0
71	A double perovskite Cs_2KBiI_6 memristor for simulating biological synaptic functions. Journal of Materials Chemistry C, 0, , .	3.6	0