

# Yuanqing Wu

## List of Publications by Year in descending order

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51  
papers

1,868  
citations

430442

18  
h-index

253896

43  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Control for Consensus of Multiagent Systems With Fixed/Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1736-1746.	5.9	307
2	Consensus of Multiagent Systems Using Aperiodic Sampled-Data Control. IEEE Transactions on Cybernetics, 2016, 46, 2132-2143.	6.2	186
3	An input-based triggering approach to leader-following problems. Automatica, 2017, 75, 221-228.	3.0	142
4	Adaptive output synchronization of heterogeneous network with an uncertain leader. Automatica, 2017, 76, 183-192.	3.0	135
5	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. IEEE Transactions on Cybernetics, 2019, 49, 2504-2513.	6.2	122
6	Synchronization of Network Systems via Aperiodic Sampled-Data Control With Constant Delay and Application to Unmanned Ground Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 4980-4990.	5.2	91
7	Sampled-Data Synchronization of Complex Networks With Partial Couplings and $\mathcal{H}_\infty$ Fuzzy Nodes. IEEE Transactions on Fuzzy Systems, 2018, 26, 782-793.	6.5	82
8	Event-Based Control for Network Systems via Integral Quadratic Constraints. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1386-1394.	3.5	67
9	Optimal Filtered and Smoothed Estimators for Discrete-Time Linear Systems With Multiple Packet Dropouts Under Markovian Communication Constraints. IEEE Transactions on Cybernetics, 2020, 50, 4169-4181.	6.2	64
10	Sampled-Data Control of Network Systems in Industrial Manufacturing. IEEE Transactions on Industrial Electronics, 2018, 65, 9016-9024.	5.2	63
11	Finite-Horizon $\mathcal{H}_2$ -Synchronization for Time-Varying Markovian Jump Neural Networks Under Mixed-Type Attacks: Observer-Based Case. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1695-1704.	7.2	59
12	Performance Recovery of Dynamic Feedback-Linearization Methods for Multivariable Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1365-1380.	3.6	56
13	Event-Based Synchronization of Heterogeneous Complex Networks Subject to Transmission Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2126-2134.	5.9	44
14	Reliable Control Against Sensor Failures for Markov Jump Systems With Unideal Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 308-316.	5.9	41
15	Output Synchronization and $\mathcal{H}_\infty$ -Gain Analysis for Network Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2105-2114.	5.9	39
16	Analysis and Design of Synchronization for Heterogeneous Network. IEEE Transactions on Cybernetics, 2018, 48, 1253-1262.	6.2	38
17	Partial-information-based consensus of network systems with time-varying delay via sampled-data control. Signal Processing, 2019, 162, 97-105.	2.1	30
18	Robust output synchronisation of non-identical linear agents via internal model principle. IET Control Theory and Applications, 2015, 9, 1755-1765.	1.2	29

#	ARTICLE	IF	CITATIONS
19	Non-fragile sampled-data control of network systems subject to time-delay. <i>International Journal of Systems Science</i> , 2019, 50, 843-857.	3.7	20
20	Synchronization Control for Unreliable Network Systems in Intelligent Robots. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 2641-2651.	3.7	18
21	Synchronization Control for Network Systems With Communication Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 3150-3160.	7.2	18
22	Network-based leader-following formation control of second-order autonomous unmanned systems. <i>Journal of the Franklin Institute</i> , 2021, 358, 757-775.	1.9	17
23	Integral sliding mode consensus of networked control systems with bounded disturbances. <i>ISA Transactions</i> , 2022, 124, 349-355.	3.1	16
24	Adaptive consensus tracking of multi-robotic systems via using integral sliding mode control. <i>Neurocomputing</i> , 2021, 455, 154-162.	3.5	14
25	Containment Control for Networked Fractional-Order Systems With Sampled Position Data. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 3881-3889.	3.5	14
26	Formation control of nonholonomic unmanned ground vehicles via unscented Kalman filter-based sensor fusion approach. <i>ISA Transactions</i> , 2022, 125, 60-71.	3.1	13
27	On the Design of Distributed Observers for Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2022, 67, 3229-3242.	3.6	12
28	Robust Lidar-Based Localization Scheme for Unmanned Ground Vehicle via Multisensor Fusion. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 5633-5643.	7.2	11
29	Synchronization of multi-agent systems via static output feedback control. <i>Journal of the Franklin Institute</i> , 2017, 354, 1374-1387.	1.9	10
30	Synchronization of Complex Dynamical Networks with Actuator Saturation by Using Sampled-Data Control. <i>Circuits, Systems, and Signal Processing</i> , 2019, 38, 5508-5527.	1.2	10
31	Finite-Time Synchronization of Input Delay Complex Networks via Non-fragile Controller. <i>Journal of the Franklin Institute</i> , 2020, 357, 11645-11667.	1.9	10
32	Filtering of two-dimensional periodic Roesser systems subject to dissipativity. <i>Information Sciences</i> , 2018, 460-461, 364-373.	4.0	9
33	Distributed consensus control for a group of autonomous marine vehicles with nonlinearity and external disturbances. <i>Neurocomputing</i> , 2021, 443, 380-387.	3.5	9
34	Sampled-Data Synchronization of Network Systems in Industrial Manufacture. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3210-3219.	5.9	8
35	Positive Consensus in Fractional-Order Interval Networked Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 2538-2542.	2.2	8
36	Deep Reinforcement Learning on Autonomous Driving Policy With Auxiliary Critic Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 3680-3690.	7.2	8

#	ARTICLE	IF	CITATIONS
37	Output Regulation of Invertible Nonlinear Systems via Robust Dynamic Feedback-Linearization. IEEE Transactions on Automatic Control, 2021, 66, 5474-5481.	3.6	7
38	An Industrial-Based Framework for Distributed Control of Heterogeneous Network Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2120-2128.	5.9	6
39	Asymptotic Stability of Master-slave Systems Using Sampled-data Controller with Time-delay. International Journal of Control, Automation and Systems, 2019, 17, 1473-1482.	1.6	5
40	Synchronization analysis of network systems applying sampled-data controller with time-delay via the Bessel–Legendre inequality. Neurocomputing, 2019, 331, 346-355.	3.5	5
41	Synchronization of Network Systems Subject to Nonlinear Dynamics and Actuators Saturation. Circuits, Systems, and Signal Processing, 2019, 38, 1596-1618.	1.2	5
42	Reliable Control for Two-Dimensional Systems Subject to Extended Dissipativity. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2760-2765.	5.9	4
43	Containment control of discrete-time multi-agent systems with application to escort control of multiple vehicles. International Journal of Robust and Nonlinear Control, 2022, 32, 6913-6938.	2.1	4
44	Robust cooperative control for micro/nano scale systems subject to time-varying delay and structured uncertainties. International Journal of Advanced Manufacturing Technology, 2019, 105, 4863-4873.	1.5	3
45	Leader-following consensus tracking of autonomous unmanned systems with fixed/switching topologies: an event-triggered approach. International Journal of Systems Science, 2020, 51, 2441-2455.	3.7	3
46	An Efficient Algorithm to Determine the Connectivity of Complex Directed Networks. IEEE Transactions on Cybernetics, 2022, 52, 7164-7171.	6.2	2
47	Asymmetric Barrier Function-based Adaptive Control of a Four-Wheel-Steering Mobile Robot*. , 2020, , .		2
48	Reciprocally convex approach for cooperative tracking control of general network systems with fixed/switching topologies. Asian Journal of Control, 2020, , .	1.9	1
49	Research on Vision of Intelligent Car Based on Broad Learning System. IEEE Transactions on Cybernetics, 2023, 53, 4805-4814.	6.2	1
50	Consensus Tracking of Second-Order Autonomous Unmanned Systems With Nonlinear Dynamics Using Distributed Adaptive Control. , 2021, , .		0
51	Almost Feedback Linearization via Dynamic Extension: a Paradigm for Robust Semiglobal Stabilization of Nonlinear MIMO Systems. Lecture Notes in Control and Information Sciences, 2022, , 1-26.	0.6	0