

Zheng-Guang Wu

List of Publications by Year in Descending Order

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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.

49 papers	3,886 citations	29 h-index	55 g-index
55 ext. papers	4,609 ext. citations	6.5 avg, IF	6.15 L-index

#	Paper	IF	Citations
49	Nonstationary Filtering for Fuzzy Markov Switching Affine Systems With Quantization Effects and Deception Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10	7.3	4
48	Asynchronous Control of Two-Dimensional Markov Jump Roesser Systems: An Event-Triggering Strategy. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	1
47	Bipartite Containment Fluctuation Behaviors of Cooperative-Antagonistic Networks With Time-Varying Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-10	7.3	3
46	A3C-Based Intelligent Event-Triggering Control of Networked Nonlinear Unmanned Marine Vehicles Subject to Hybrid Attacks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-14	6.1	18
45	Synchronization of Coupled Harmonic Oscillators With Asynchronous Intermittent Communication. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 258-266	10.2	13
44	Event-Based Dissipative Filtering of Markovian Jump Neural Networks Subject to Incomplete Measurements and Stochastic Cyber-Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1370-1379	10.2	12
43	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-11	3.9	30
42	Nonsynchronous Model Reduction for Uncertain 2-D Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
41	Fully Distributed Adaptive Event-Triggered Control of Networked Systems With Actuator Bias Faults. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
40	Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
39	. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 1442-1453	4	0
38	Asynchronous Mean Stabilization of Positive Jump Systems With Piecewise-Homogeneous Markov Chain. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 3266-3270	3.5	11
37	Cooperative Adaptive H ₂ Output Regulation of Continuous-Time Heterogeneous Multi-Agent Markov Jump Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 3261-3265	3.5	8
36	Dynamic Event-Triggered Asynchronous MPC of Markovian Jump Systems With Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
35	Cluster Tracking Performance Analysis of Linear Heterogeneous Multi-Agent Networks: A Complex Frequency Domain Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 259-270	3.9	7
34	Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	15
33	Reliable Control for Two-Dimensional Systems Subject to Extended Dissipativity. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2760-2765	7.3	2

32	Input-Based Event-Triggering Consensus of Multiagent Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1455-1464	7.3	100
31	Event-Based Secure Consensus of Multiagent Systems Against DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3468-3476	10.2	52
30	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1600-1609	8.3	68
29	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 201-209	4	18
28	Stabilization and Finite-Time Stabilization of Probabilistic Boolean Control Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-8	7.3	24
27	Hidden-Markov-Model-Based Asynchronous Filter Design of Nonlinear Markov Jump Systems in Continuous-Time Domain. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2294-2304	10.2	54
26	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2308-2317	7.3	37
25	Reliable Control Against Sensor Failures for Markov Jump Systems With Unideal Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 308-316	7.3	31
24	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2504-2513	10.2	97
23	Event-Triggered Control for Consensus Problem in Multi-Agent Systems With Quantized Relative State Measurements and External Disturbance. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2232-2242	3.9	181
22	Dissipativity-Based Resilient Filtering of Periodic Markovian Jump Neural Networks With Quantized Measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1888-1899	10.3	53
21	Adaptive Stabilization of Discrete-Time Nonminimum Phase Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 1-6	7.3	3
20	Event-Triggered Control for Consensus of Multiagent Systems With Fixed/Switching Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1736-1746	7.3	232
19	Filtering of TB Fuzzy Systems With Nonuniform Sampling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2442-2450	7.3	23
18	Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2377-2388	10.2	111
17	Asynchronous Filtering of Nonlinear Markov Jump Systems With Randomly Occurred Quantization via TB Fuzzy Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 1-1	8.3	33
16	Passivity-Based Asynchronous Control for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2020-2025	5.9	321
15	Reachable Set Estimation for Markovian Jump Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3208-3217	10.2	51

14	Exponential stabilization for sampled-data neural-network-based control systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 2180-90	10.3	58
13	Local synchronization of chaotic neural networks with sampled-data and saturating actuators. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2635-45	10.2	145
12	Robust extended dissipative control for sampled-data Markov jump systems. <i>International Journal of Control</i> , 2014 , 87, 1549-1564	1.5	196
11	Asynchronous . <i>Automatica</i> , 2014 , 50, 180-186	5.7	472
10	. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 153-163	8.3	210
9	Stochastic synchronization of Markovian jump neural networks with time-varying delay using sampled data. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1796-806	10.2	468
8	Sampled-data exponential synchronization of complex dynamical networks with time-varying coupling delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1177-87	10.3	178
7	Dissipativity analysis for discrete-time stochastic neural networks with time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 345-55	10.3	83
6	Mixed and passive filtering for singular systems with time delays. <i>Signal Processing</i> , 2013 , 93, 1705-1711	4.4	62
5	Reliable passive control for singular systems with time-varying delays. <i>Journal of Process Control</i> , 2013 , 23, 1217-1228	3.9	48
4	Non-fragile synchronisation control for complex networks with missing data. <i>International Journal of Control</i> , 2013 , 86, 555-566	1.5	57
3	Delay-dependent passivity for singular Markov jump systems with time-delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013 , 18, 669-681	3.7	61
2	Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 966-971	8.3	76
1	Reliable H_∞ Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 22-31	8.3	145