Zheng-Guang Wu

List of Publications by Citations

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	Asynchronous . *Automatica*, **2014**, 50, 180-186	5.7	472
48	Stochastic synchronization of Markovian jump neural networks with time-varying delay using sampled data. *IEEE Transactions on Cybernetics*, **2013**, 43, 1796-806	10.2	468
47	Passivity-Based Asynchronous Control for Markov Jump Systems. *IEEE Transactions on Automatic Control*, **2017**, 62, 2020-2025	5.9	321
46	Event-Triggered Control for Consensus of Multiagent Systems With Fixed/Switching Topologies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1736-1746	7.3	232
45	. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 153-163	8.3	210
44	Robust extended dissipative control for sampled-data Markov jump systems. *International Journal of Control*, **2014**, 87, 1549-1564	1.5	196
43	Event-Triggered Control for Consensus Problem in Multi-Agent Systems With Quantized Relative State Measurements and External Disturbance. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2018**, 65, 2232-2242	3.9	181
42	Sampled-data exponential synchronization of complex dynamical networks with time-varying coupling delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 1177-87	10.3	178
41	Local synchronization of chaotic neural networks with sampled-data and saturating actuators. *IEEE Transactions on Cybernetics*, **2014**, 44, 2635-45	10.2	145
40	Reliable H_infty Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delay. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 22-31	8.3	145
39	Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. *IEEE Transactions on Cybernetics*, **2017**, 47, 2377-2388	10.2	111
38	Input-Based Event-Triggering Consensus of Multiagent Systems Under Denial-of-Service Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 1455-1464	7.3	100
37	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. *IEEE Transactions on Cybernetics*, **2019**, 49, 2504-2513	10.2	97
36	Dissipativity analysis for discrete-time stochastic neural networks with time-varying delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 345-55	10.3	83
35	Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 966-971	8.3	76
34	. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1600-1609	8.3	68
33	Mixed and passive filtering for singular systems with time delays. *Signal Processing*, **2013**, 93, 1705-1711	4.4	62

32	Delay-dependent passivity for singular Markov jump systems with time-delays. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 669-681	3.7	61
31	Exponential stabilization for sampled-data neural-network-based control systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 2180-90	10.3	58
30	Non-fragile synchronisation control for complex networks with missing data. *International Journal of Control*, **2013**, 86, 555-566	1.5	57
29	Hidden-Markov-Model-Based Asynchronous Filter Design of Nonlinear Markov Jump Systems in Continuous-Time Domain. *IEEE Transactions on Cybernetics*, **2019**, 49, 2294-2304	10.2	54
28	Dissipativity-Based Resilient Filtering of Periodic Markovian Jump Neural Networks With Quantized Measurements. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1888-1899	10.3	53
27	Event-Based Secure Consensus of Mutiagent Systems Against DoS Attacks. *IEEE Transactions on Cybernetics*, **2020**, 50, 3468-3476	10.2	52
26	Reachable Set Estimation for Markovian Jump Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2017**, 47, 3208-3217	10.2	51
25	Reliable passive control for singular systems with time-varying delays. *Journal of Process Control*, **2013**, 23, 1217-1228	3.9	48
24	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2308-2317	7.3	37
23	Asynchronous Filtering of Nonlinear Markov Jump Systems With Randomly Occurred Quantization via T□S Fuzzy Models. *IEEE Transactions on Fuzzy Systems*, **2017**, 1-1	8.3	33
22	Reliable Control Against Sensor Failures for Markov Jump Systems With Unideal Measurements. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 308-316	7.3	31
21	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11	3.9	30
20	Stabilization and Finite-Time Stabilization of Probabilistic Boolean Control Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-8	7.3	24
19	Filtering of T□S Fuzzy Systems With Nonuniform Sampling. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2442-2450	7.3	23
18	A3C-Based Intelligent Event-Triggering Control of Networked Nonlinear Unmanned Marine Vehicles Subject to Hybrid Attacks. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-14	6.1	18
17	. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 201-209	4	18
16	Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	15
15	Synchronization of Coupled Harmonic Oscillators With Asynchronous Intermittent Communication. *IEEE Transactions on Cybernetics*, **2021**, 51, 258-266	10.2	13

14	Event-Based Dissipative Filtering of Markovian Jump Neural Networks Subject to Incomplete Measurements and Stochastic Cyber-Attacks. *IEEE Transactions on Cybernetics*, **2021**, 51, 1370-1379	10.2	12
13	Asynchronous Mean Stabilization of Positive Jump Systems With Piecewise-Homogeneous Markov Chain. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 3266-3270	3.5	11
12	Cooperative Adaptive H□Output Regulation of Continuous-Time Heterogeneous Multi-Agent Markov Jump Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 3261-3265	3.5	8
11	Cluster Tracking Performance Analysis of Linear Heterogeneous Multi-Agent Networks: A Complex Frequency Domain Approach. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 259-270	5.0	7
10	Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
9	Nonstationary Filtering for Fuzzy Markov Switching Affine Systems With Quantization Effects and Deception Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	4
8	Fully Distributed Adaptive Event-Triggered Control of Networked Systems With Actuator Bias Faults. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
7	Adaptive Stabilization of Discrete-Time Nonminimum Phase Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 1-6	7.3	3
6	Dynamic Event-Triggered Asynchronous MPC of Markovian Jump Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	3
5	Bipartite Containment Fluctuation Behaviors of Cooperative-Antagonistic Networks With Time-Varying Topologies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	3
4	Reliable Control for Two-Dimensional Systems Subject to Extended Dissipativity. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2760-2765	7.3	2
3	Nonsynchronous Model Reduction for Uncertain 2-D Markov Jump Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
2	Asynchronous Control of Two-Dimensional Markov Jump Roesser Systems: An Event-Triggering Strategy. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	1
1	. *IEEE Transactions on Control of Network Systems*, **2021**, 8, 1442-1453	4	0