# 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.

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|---|---|---|---|
| 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. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10 | 7.3 | 4 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | Synchronization of Coupled Harmonic Oscillators With Asynchronous Intermittent Communication. *IEEE Transactions on Cybernetics*, **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. *IEEE Transactions on Cybernetics*, **2021**, 51, 1370-1379 | 10.2 | 12 |
| 43 | . *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11 | 3.9 | 30 |
| 42 | Nonsynchronous Model Reduction for Uncertain 2-D Markov Jump Systems. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 1 |
| 41 | Fully Distributed Adaptive Event-Triggered Control of Networked Systems With Actuator Bias Faults. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 4 |
| 40 | Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 5 |
| 39 | . *IEEE Transactions on Control of Network Systems*, **2021**, 8, 1442-1453 | 4 | 0 |
| 38 | 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 |
| 37 | 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 |
| 36 | Dynamic Event-Triggered Asynchronous MPC of Markovian Jump Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 3 |
| 35 | 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 | 3.9 | 7 |
| 34 | Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. *IEEE Transactions on Cybernetics*, **2020**, PP, | 10.2 | 15 |
| 33 | 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 |

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| 32 | 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 |
| 31 | Event-Based Secure Consensus of Mutiagent Systems Against DoS Attacks. *IEEE Transactions on Cybernetics*, **2020**, 50, 3468-3476 | 10.2 | 52 |
| 30 | . *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1600-1609 | 8.3 | 68 |
| 29 | . *IEEE Transactions on Control of Network Systems*, **2020**, 7, 201-209 | 4 | 18 |
| 28 | Stabilization and Finite-Time Stabilization of Probabilistic Boolean Control Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-8 | 7.3 | 24 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. *IEEE Transactions on Cybernetics*, **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. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2018**, 65, 2232-2242 | 3.9 | 181 |
| 22 | 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 |
| 21 | Adaptive Stabilization of Discrete-Time Nonminimum Phase Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 1-6 | 7.3 | 3 |
| 20 | 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 |
| 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 | Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. *IEEE Transactions on Cybernetics*, **2017**, 47, 2377-2388 | 10.2 | 111 |
| 17 | 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 |
| 16 | Passivity-Based Asynchronous Control for Markov Jump Systems. *IEEE Transactions on Automatic Control*, **2017**, 62, 2020-2025 | 5.9 | 321 |
| 15 | Reachable Set Estimation for Markovian Jump Neural Networks With Time-Varying Delays. *IEEE Transactions on Cybernetics*, **2017**, 47, 3208-3217 | 10.2 | 51 |

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| 14 | 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 |
| 13 | Local synchronization of chaotic neural networks with sampled-data and saturating actuators. *IEEE Transactions on Cybernetics*, **2014**, 44, 2635-45 | 10.2 | 145 |
| 12 | Robust extended dissipative control for sampled-data Markov jump systems. *International Journal of Control*, **2014**, 87, 1549-1564 | 1.5 | 196 |
| 11 | Asynchronous . *Automatica*, **2014**, 50, 180-186 | 5.7 | 472 |
| 10 | . *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 153-163 | 8.3 | 210 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Mixed and passive filtering for singular systems with time delays. *Signal Processing*, **2013**, 93, 1705-1711 | 4.4 | 62 |
| 5 | Reliable passive control for singular systems with time-varying delays. *Journal of Process Control*, **2013**, 23, 1217-1228 | 3.9 | 48 |
| 4 | Non-fragile synchronisation control for complex networks with missing data. *International Journal of Control*, **2013**, 86, 555-566 | 1.5 | 57 |
| 3 | 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 |
| 2 | Network-Based Robust Passive Control for Fuzzy Systems With Randomly Occurring Uncertainties. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 966-971 | 8.3 | 76 |
| 1 | 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 |