

Jinliang Liu

List of Publications by Year in descending order

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107
papers

3,755
citations

101535

36
h-index

133244

59
g-index

107
all docs

107
docs citations

107
times ranked

1639
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Event-Triggered H_{∞} Load Frequency Control for Multiarea Power Systems Under Hybrid Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1665-1678. | 9.3 | 286 |
| 2 | Quantized Stabilization for T-S Fuzzy Systems With Hybrid-Triggered Mechanism and Stochastic Cyber-Attacks. IEEE Transactions on Fuzzy Systems, 2018, 26, 3820-3834. | 9.8 | 173 |
| 3 | Resilient control of networked control systems under deception attacks: A memory-triggered communication scheme. International Journal of Robust and Nonlinear Control, 2020, 30, 1534-1548. | 3.7 | 151 |
| 4 | Event-Based Secure Leader-Following Consensus Control for Multiagent Systems With Multiple Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 162-173. | 9.5 | 122 |
| 5 | Event-triggering in networked systems with probabilistic sensor and actuator faults. Information Sciences, 2013, 240, 145-160. | 6.9 | 106 |
| 6 | Event-based fault detection for networked systems with communication delay and nonlinear perturbation. Journal of the Franklin Institute, 2013, 350, 2791-2807. | 3.4 | 104 |
| 7 | Adaptive event-triggered control of a class of nonlinear networked systems. Journal of the Franklin Institute, 2017, 354, 3854-3871. | 3.4 | 103 |
| 8 | Hybrid-Driven-Based H_{∞} Control for Networked Cascade Control Systems With Actuator Saturations and Stochastic Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2452-2463. | 9.3 | 103 |
| 9 | Stabilization of Networked Control Systems With Hybrid-Driven Mechanism and Probabilistic Cyber Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 943-953. | 9.3 | 100 |
| 10 | Secure Adaptive-Event-Triggered Filter Design With Input Constraint and Hybrid Cyber Attack. IEEE Transactions on Cybernetics, 2021, 51, 4000-4010. | 9.5 | 90 |
| 11 | Security Control for T-S Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6544-6554. | 9.3 | 89 |
| 12 | Hybrid-triggered-based security controller design for networked control system under multiple cyber attacks. Information Sciences, 2021, 548, 69-84. | 6.9 | 88 |
| 13 | Distributed event-triggered control for networked control systems with stochastic cyber-attacks. Journal of the Franklin Institute, 2019, 356, 10260-10276. | 3.4 | 87 |
| 14 | Adaptive event-triggered H_{∞} filtering for T-S fuzzy system with time delay. Neurocomputing, 2016, 189, 86-94. | 5.9 | 84 |
| 15 | Hybrid-driven-based H_{∞} filter design for neural networks subject to deception attacks. Applied Mathematics and Computation, 2018, 320, 158-174. | 2.2 | 84 |
| 16 | Event-Based Security Control for State-Dependent Uncertain Systems Under Hybrid-Attacks and Its Application to Electronic Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4817-4828. | 5.4 | 81 |
| 17 | Finite-Time H_{∞} Filtering for State-Dependent Uncertain Systems With Event-Triggered Mechanism and Multiple Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1021-1034. | 5.4 | 74 |
| 18 | Security distributed state estimation for nonlinear networked systems against DoS attacks. International Journal of Robust and Nonlinear Control, 2020, 30, 1156-1180. | 3.7 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Research on the model of rough set over dual-universes. Knowledge-Based Systems, 2010, 23, 817-822. | 7.1 | 67 |
| 20 | State estimation for cyber-physical systems with limited communication resources, sensor saturation and denial-of-service attacks. ISA Transactions, 2020, 104, 101-114. | 5.7 | 67 |
| 21 | H ∞ filtering for networked systems with partly known distribution transmission delays. Information Sciences, 2012, 194, 270-282. | 6.9 | 65 |
| 22 | Event-triggered output feedback H_{∞} filtering for networked Markovian jump systems with quantizations. Nonlinear Analysis: Hybrid Systems, 2017, 24, 146-158. | 6.9 | 64 |
| 23 | Resilient event-triggered consensus control for nonlinear multi-agent systems with DoS attacks. Journal of the Franklin Institute, 2019, 356, 7071-7090. | 3.4 | 63 |
| 24 | Co-design of event generator and filtering for a class of T ∞ S fuzzy systems with stochastic sensor faults. Fuzzy Sets and Systems, 2015, 273, 124-140. | 2.7 | 60 |
| 25 | Hybrid-driven-based stabilisation for networked control systems. IET Control Theory and Applications, 2016, 10, 2279-2285. | 2.1 | 60 |
| 26 | H ∞ tracking control of nonlinear networked systems with a novel adaptive event-triggered communication scheme. Journal of the Franklin Institute, 2017, 354, 3540-3553. | 3.4 | 60 |
| 27 | Distributed event-triggered H filtering over sensor networks with sensor saturations and cyber-attacks. ISA Transactions, 2018, 81, 63-75. | 5.7 | 58 |
| 28 | Dynamic Event-Triggered Output Feedback Control for Networked Systems Subject to Multiple Cyber Attacks. IEEE Transactions on Cybernetics, 2022, 52, 13800-13808. | 9.5 | 56 |
| 29 | Distributed event-triggered state estimators design for sensor networked systems with deception attacks. IET Control Theory and Applications, 2019, 13, 2783-2791. | 2.1 | 55 |
| 30 | Resilient observer-based control for networked nonlinear T ∞ S fuzzy systems with hybrid-triggered scheme. Nonlinear Dynamics, 2018, 91, 2049-2061. | 5.2 | 53 |
| 31 | An improved memory-event-triggered control for networked control systems. Journal of the Franklin Institute, 2019, 356, 7210-7223. | 3.4 | 50 |
| 32 | An adaptive torus-based controller design for networked T ∞ S fuzzy systems under deception attacks. International Journal of Robust and Nonlinear Control, 2022, 32, 3425-3441. | 3.7 | 47 |
| 33 | Hybrid-driven H_{∞} filtering design for T ∞ S fuzzy systems with quantization. Nonlinear Analysis: Hybrid Systems, 2019, 31, 135-152. | 3.5 | 46 |
| 34 | H ∞ filtering for networked systems with hybrid-triggered communication mechanism and stochastic cyber attacks. Journal of the Franklin Institute, 2017, 354, 8490-8512. | 3.4 | 44 |
| 35 | Event-triggered H_{∞} filter design for delayed neural network with quantization. Neural Networks, 2016, 82, 39-48. | 5.9 | 41 |
| 36 | Event-driven finite-time control for continuous-time networked switched systems under cyber attacks. Journal of the Franklin Institute, 2020, 357, 11690-11709. | 3.4 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Asynchronous adaptive event-triggered tracking control for multi-agent systems with stochastic actuator faults. <i>Applied Mathematics and Computation</i> , 2019, 355, 482-496. | 2.2 | 35 |
| 38 | Double stochastic resonance induced by varying potential-well depth and width. <i>Journal of the Franklin Institute</i> , 2021, 358, 2194-2211. | 3.4 | 35 |
| 39 | An event-triggered approach to security control for networked systems using hybrid attack model. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 5796-5812. | 3.7 | 34 |
| 40 | Quantized control for a class of neural networks with adaptive event-triggered scheme and complex cyberattacks. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 4705-4728. | 3.7 | 33 |
| 41 | Asymptotic and robust stability of T&S fuzzy genetic regulatory networks with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2012, 22, 827-840. | 3.7 | 32 |
| 42 | Reliable control for hybrid-driven T&S fuzzy systems with actuator faults and probabilistic nonlinear perturbations. <i>Journal of the Franklin Institute</i> , 2017, 354, 3267-3288. | 3.4 | 32 |
| 43 | Event-triggered non-fragile state estimation for delayed neural networks with randomly occurring sensor nonlinearity. <i>Neurocomputing</i> , 2018, 273, 1-8. | 5.9 | 32 |
| 44 | Observer-Based Security Control for Interconnected Semi-Markovian Jump Systems With Unknown Transition Probabilities. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9013-9025. | 9.5 | 29 |
| 45 | Decentralized event-triggered synchronization control for complex networks with nonperiodic DoS attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 1633-1653. | 3.7 | 28 |
| 46 | Quantized state estimation for neural networks with cyber attacks and hybrid triggered communication scheme. <i>Neurocomputing</i> , 2018, 291, 35-49. | 5.9 | 27 |
| 47 | Two channel event-triggering communication schemes for networked control systems. <i>Neurocomputing</i> , 2016, 197, 45-52. | 5.9 | 25 |
| 48 | Distributed hybrid-triggered H&infinity filter design for sensor networked systems with output saturations. <i>Neurocomputing</i> , 2018, 315, 261-271. | 5.9 | 25 |
| 49 | Event-based control for networked T-S fuzzy cascade control systems with quantization and cyber attacks. <i>Journal of the Franklin Institute</i> , 2019, 356, 9451-9473. | 3.4 | 25 |
| 50 | New results on H&infinity filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. <i>International Journal of Systems Science</i> , 2012, 43, 426-442. | 5.5 | 24 |
| 51 | Mittag-Leffler stability analysis of fractional discrete-time neural networks via fixed point technique. <i>Nonlinear Analysis: Modelling and Control</i> , 2019, 24, . | 1.6 | 23 |
| 52 | State estimation for Markovian jumping genetic regulatory networks with random delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 2479-2492. | 3.3 | 22 |
| 53 | State estimation for complex systems with randomly occurring nonlinearities and randomly missing measurements. <i>International Journal of Systems Science</i> , 2014, 45, 1364-1374. | 5.5 | 22 |
| 54 | Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. <i>ISA Transactions</i> , 2017, 66, 77-85. | 5.7 | 22 |

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|----|--|-----|-----------|
| 55 | Event-Triggered State Estimation for T-S Fuzzy Neural Networks with Stochastic Cyber-Attacks. International Journal of Fuzzy Systems, 2019, 21, 532-544. | 4.0 | 22 |
| 56 | Fault tolerant control for systems with interval time-varying delay and actuator saturation. Journal of the Franklin Institute, 2013, 350, 231-243. | 3.4 | 19 |
| 57 | Enhanced Stabilization of Discrete-Time Takagi-Sugeno Fuzzy Systems Based on a Comprehensive Real-Time Scheduling Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 881-892. | 9.3 | 18 |
| 58 | Delay-Dependent H_{∞} Filtering for Markovian Jump Time-Delay Systems: A Piecewise Analysis Method. Circuits, Systems, and Signal Processing, 2011, 30, 1253-1273. | 2.0 | 14 |
| 59 | Security control for T-S fuzzy systems with multi-sensor saturations and distributed event-triggered mechanism. Journal of the Franklin Institute, 2020, 357, 2851-2867. | 3.4 | 14 |
| 60 | H_{∞} filter design for discrete-time networked systems with adaptive event-triggered mechanism and hybrid cyber attacks. Journal of the Franklin Institute, 2021, 358, 9325-9345. | 3.4 | 13 |
| 61 | H_{∞} filtering for Markovian jump systems with time-varying delays. , 2010, , . | | 12 |
| 62 | Multi-sensors-based security control for T-S fuzzy systems over resource-constrained networks. Journal of the Franklin Institute, 2020, 357, 4286-4315. | 3.4 | 12 |
| 63 | Reliable H_{∞} filter design for sampled-data systems with consideration of probabilistic sensor signal distortion. IET Signal Processing, 2013, 7, 420-426. | 1.5 | 11 |
| 64 | Co-design of event generator and state estimator for complex network systems with quantization. Journal of the Franklin Institute, 2016, 353, 4565-4582. | 3.4 | 10 |
| 65 | A Middle-Level Learning Feature Interaction Method with Deep Learning for Multi-Feature Music Genre Classification. Electronics (Switzerland), 2021, 10, 2206. | 3.1 | 9 |
| 66 | H_{∞} Filtering for time-delay systems with Markovian jumping parameters: Delay partitioning approach. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2010, 33, 357-365. | 1.1 | 8 |
| 67 | A new approach to H_{∞} filtering for linear time-delay systems. Journal of the Franklin Institute, 2012, 349, 184-200. | 3.4 | 7 |
| 68 | Network-based precise tracking control of systems subject to stochastic failure and non-zero input. IET Control Theory and Applications, 2013, 7, 1370-1376. | 2.1 | 7 |
| 69 | Fault detection filter design for networked systems with cyber attacks. Applied Mathematics and Computation, 2022, 412, 126593. | 2.2 | 7 |
| 70 | Finite-time adaptive event-triggered asynchronous state estimation for Markov jump systems with cyberattacks. International Journal of Robust and Nonlinear Control, 2022, 32, 583-599. | 3.7 | 7 |
| 71 | Fault-Distribution Dependent Reliable Control for T-S Fuzzy Time-Delayed Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, . | 1.6 | 6 |
| 72 | Probabilistic-constrained tracking control for stochastic time-varying systems under deception attacks: A Round-Robin protocol. Journal of the Franklin Institute, 2021, 358, 9135-9157. | 3.4 | 6 |

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|----|--|-----|-----------|
| 73 | Dynamic event-triggered security control of cyber-physical systems against missing measurements and cyber-attacks. <i>Neurocomputing</i> , 2022, 500, 405-412. | 5.9 | 6 |
| 74 | Stabilization of discrete-time networked control systems with partly known transmission delay: A new augmentation approach. <i>International Journal of Control, Automation and Systems</i> , 2011, 9, 1080-1085. | 2.7 | 5 |
| 75 | Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2012, 35, 633-640. | 1.1 | 5 |
| 76 | Probabilistic-constrained reliable H_∞ tracking control for a class of stochastic nonlinear systems: An outlier-resistant event-triggered scheme. <i>Journal of the Franklin Institute</i> , 2021, 358, 4741-4760. | 3.4 | 5 |
| 77 | Game-based incentive mechanism for enabling edge video caching over passive optical networks. <i>Computer Communications</i> , 2021, 175, 91-101. | 5.1 | 5 |
| 78 | H_∞ filter design for nonlinear systems with time-delay through T-S fuzzy model approach. , 2010, , . | | 3 |
| 79 | Event-Triggered Reliable Control in Networked Control Systems with Probabilistic Actuator Faults. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9. | 1.1 | 3 |
| 80 | State Estimation for Time-Delay Systems with Markov Jump Parameters and Missing Measurements. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-11. | 0.7 | 3 |
| 81 | Fault-tolerant control of delta operator switched linear systems with sensor faults based on dynamic output feedback. , 2017, , . | | 3 |
| 82 | Adaptive event-triggered controller design for cyber-physical systems with complex cyber-attacks. , 2019, , . | | 3 |
| 83 | FGFF Descriptor and Modified Hu Moment-Based Hand Gesture Recognition. <i>Sensors</i> , 2021, 21, 6525. | 3.8 | 3 |
| 84 | Fault-distribution-dependent reliable control for time-varying delay system. <i>Journal of Control Theory and Applications</i> , 2011, 9, 589-593. | 0.8 | 2 |
| 85 | Comments on "Decentralized Stabilization of Interconnected Systems With Time-Varying Delays". <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 809-810. | 5.7 | 2 |
| 86 | Event-Based H_∞ Filter Design for Sensor Networks with Missing Measurements. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9. | 0.7 | 2 |
| 87 | Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. <i>Journal of the Franklin Institute</i> , 2020, 357, 2049-2066. | 3.4 | 2 |
| 88 | The connections of vague set and rough set. <i>Kybernetes</i> , 2012, 41, 1318-1322. | 2.2 | 1 |
| 89 | Event-based H_∞ filter design for T-S fuzzy systems with randomly occurring sensor saturations. , 2015, , . | | 1 |
| 90 | State estimation for complex network systems with quantization and event-triggered communication scheme. , 2016, , . | | 1 |

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| 91 | Stabilization for networked control systems under stochastic cyber-attacks. , 2017, , . | | 1 |
| 92 | Event-Triggered State Estimation for Complex Systems with Randomly Nonlinearities and Time-Varying Delay. Communications in Computer and Information Science, 2014, , 407-418. | 0.5 | 1 |
| 93 | Adaptive feedback exponentially synchronization of complex delayed dynamical networks with nonlinearly coupled nodes. , 2009, , . | | 0 |
| 94 | A class of H_{∞} filter design for continue-time systems with time-varying delay. , 2009, , . | | 0 |
| 95 | New Results on H_{∞} Filter Design for Continue-Time Systems with Time-Varying Delay. , 2010, , . | | 0 |
| 96 | Stabilization of discrete-time T-S fuzzy systems with random input delay: A new modeling method. , 2010, , . | | 0 |
| 97 | A class of H_{∞} filter design for continue-time systems with time-varying delay. , 2010, , . | | 0 |
| 98 | Delay-distribution-dependent robust H_{∞} control for T-S fuzzy systems with time-varying delay. , 2010, , . | | 0 |
| 99 | Network-Based H_{∞} Filter Design for Linear System with Random Delays. Mathematical Problems in Engineering, 2013, 2013, 1-9. | 1.1 | 0 |
| 100 | Transportation and effect on economic growth based on optimal control theory. , 2014, , . | | 0 |
| 101 | H_{∞} filtering for event-based T-S fuzzy systems with stochastic sensor faults. , 2015, , . | | 0 |
| 102 | H_{∞} filter design for a class of T-S fuzzy systems with quantization and event-triggered communication scheme. , 2016, , . | | 0 |
| 103 | Finite-time stabilization for networked control systems with hybrid triggered scheme and denial-of-service attacks. , 2019, , . | | 0 |
| 104 | Non-fragile H_{∞} state estimation for event-triggered nonlinear networked systems subject to deception attacks. , 2021, , . | | 0 |
| 105 | Adaptive event-triggered state estimation for T-S fuzzy systems with stochastic cyber-attacks. , 2021, , . | | 0 |
| 106 | Security Filter Design for T-S Fuzzy System with Adaptive Event-Triggered Mechanism and Multiple Attacks. , 2021, , . | | 0 |
| 107 | Music Genre Classification Using A One-way Audio-visual Feature Interaction Method. , 2021, , . | | 0 |