

Engang Tian

List of Publications by Year in descending order

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42
papers

2,556
citations

516710
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434195
31
g-index

42
all docs

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docs citations

42
times ranked

1505
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Adaptive memoryâ€‘eventâ€‘triggered H [∞] control for networkâ€‘based Tâ€‘S fuzzy systems with asynchronous premise constraints. IET Control Theory and Applications, 2021, 15, 534-544. | 2.1 | 61 |
| 2 | Finite-horizon tracking control for a class of stochastic systems subject to input constraints and hybrid cyber attacks. ISA Transactions, 2020, 104, 93-100. | 5.7 | 20 |
| 3 | Resilient observer-based control for networked nonlinear Tâ€‘S fuzzy systems with hybrid-triggered scheme. Nonlinear Dynamics, 2018, 91, 2049-2061. | 5.2 | 53 |
| 4 | Novel Event-triggered Control for Networked Control Systems with Transmission Delay. , 2018, , . | | 0 |
| 5 | Probability-constrained Filtering for Linear System with Successive Packet Dropouts and Multiplicative Noises. , 2018, , . | | 0 |
| 6 | Sojourn-probability-dependent H [∞] control for networked switched systems under asynchronous switching. International Journal of Systems Science, 2017, 48, 357-366. | 5.5 | 2 |
| 7 | Event-based finite-time state estimation for Markovian jump systems with quantizations and randomly occurring nonlinear perturbations. ISA Transactions, 2017, 66, 77-85. | 5.7 | 22 |
| 8 | Event-triggered reliable H [∞] filter design for networked systems with multiple sensor distortions: A probabilistic partition approach. ISA Transactions, 2017, 66, 2-9. | 5.7 | 19 |
| 9 | Robust finiteâ€‘time H [∞] control for switched systems by using sojournâ€‘probabilityâ€‘dependent method. IET Signal Processing, 2016, 10, 833-840. | 1.5 | 3 |
| 10 | Delay-distribution-dependent H [∞] state estimation for delayed neural networks with (x,v)-dependent noises and fading channels. Neural Networks, 2016, 84, 102-112. | 5.9 | 22 |
| 11 | Probability-based robust H [∞] filtering for time-varying systems with randomly occurring gain variations and fading channels. , 2016, , . | | 0 |
| 12 | <math>H_{\infty}</math> Filtering for Discrete-Time Switched Systems With Known Sojourn Probabilities. IEEE Transactions on Automatic Control, 2015, 60, 2446-2451. | 5.7 | 88 |
| 13 | Decentralized control of networkâ€‘based interconnected systems: A stateâ€‘dependent triggering method. International Journal of Robust and Nonlinear Control, 2015, 25, 1126-1144. | 3.7 | 68 |
| 14 | H [∞] filtering for discrete-time systems subject to stochastic missing measurements: a decomposition approach. International Journal of Systems Science, 2014, 45, 1356-1363. | 5.5 | 6 |
| 15 | Event-Based H_{∞} Filter Design for Sensor Networks with Missing Measurements. Abstract and Applied Analysis, 2014, 2014, 1-9. | | |
| 16 | Multi-smart car control system design and research based on ZigBee. , 2014, , . | | 7 |
| 17 | Reliable H [∞] filter design for Tâ€‘S fuzzy modelâ€‘based networked control systems with random sensor failure. International Journal of Robust and Nonlinear Control, 2013, 23, 15-32. | 3.7 | 107 |
| 18 | Robust reliable control for systems with random actuator fault and probabilistic nonlinearity with new characters. International Journal of Robust and Nonlinear Control, 2013, 23, 2013-2027. | 3.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Delay System Method for Designing Event-Triggered Controllers of Networked Control Systems. IEEE Transactions on Automatic Control, 2013, 58, 475-481. | 5.7 | 1,356 |
| 20 | Robust H_∞ filter for discrete-time linear system with uncertain missing measurements and nonlinearity. IET Signal Processing, 2013, 7, 239-248. | 1.5 | 10 |
| 21 | Networked Systems with Complexities and Their Applications to Engineering. Mathematical Problems in Engineering, 2013, 2013, 1-1. | 1.1 | 1 |
| 22 | 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 |
| 23 | 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 |
| 24 | Novel criteria on H_∞ filter design of linear networked control systems. IET Signal Processing, 2013, 7, 1-13. | 1.5 | 16 |
| 25 | Delay-fractioning-dependent robust H_∞ control for linear systems with delay in state or input and its applications. International Journal of Systems Science, 2012, 43, 820-833. | 5.5 | 17 |
| 26 | Fault-distribution-dependent reliable fuzzy control for T-S fuzzy systems with interval time-varying delay. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2012, 35, 633-640. | 1.1 | 5 |
| 27 | New results on H_∞ filter design for nonlinear systems with time-delay through a T-S fuzzy model approach. International Journal of Systems Science, 2012, 43, 426-442. | 5.5 | 24 |
| 28 | Fault tolerant control for discrete networked control systems with random faults. International Journal of Control, Automation and Systems, 2012, 10, 444-448. | 2.7 | 10 |
| 29 | Reliable control for interval time-varying delay systems subjected to actuator saturation and stochastic failure. Optimal Control Applications and Methods, 2012, 33, 739-750. | 2.1 | 15 |
| 30 | A delay system method to design of event-triggered control of networked control systems. , 2011, , . | | 30 |
| 31 | Robust H_∞ control for networked control systems with limited media access channel. , 2011, , . | | 1 |
| 32 | Fault-distribution-dependent reliable control for time-varying delay system. Journal of Control Theory and Applications, 2011, 9, 589-593. | 0.8 | 2 |
| 33 | 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 |
| 34 | Observer-based fault detection for networked control systems with network Quality of Services. Applied Mathematical Modelling, 2010, 34, 1653-1661. | 4.2 | 48 |
| 35 | Robust H_∞ Control for linear systems with delay in state or input. , 2010, , . | | 1 |
| 36 | Delay-fractioning-dependent Robust stabilization of nonlinear networked control systems. , 2010, , . | | 0 |

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|----|--|-----|-----------|
| 37 | Synchronization control of stochastic delayed neural networks communicating with unreliable links. , 2009, , . | | 2 |
| 38 | Delay-dependent stability analysis for linear system with time-varying delay: A PAM method. , 2009, , . | | 1 |
| 39 | Adaptive feedback exponentially synchronization of complex delayed dynamical networks with nonlinearly coupled nodes. , 2009, , . | | 0 |
| 40 | Delayâ€distributionâ€dependent robust stability of uncertain systems with timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2009, 19, 377-393. | 3.7 | 117 |
| 41 | Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 939-945. | 2.9 | 186 |
| 42 | Delay-Distribution-Dependent Stability and Stabilization of Tâ€S Fuzzy Systems With Probabilistic Interval Delay. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 503-516. | 5.0 | 201 |