

James Lam

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497
papers

25,394
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81
h-index

139
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539
ext. papers

30,625
ext. citations

3.6
avg. IF

7.67
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 497 | A new delay system approach to network-based control. <i>Automatica</i> , 2008 , 44, 39-52 | 5.7 | 892 |
| 496 | Network-based robust . <i>Automatica</i> , 2005 , 41, 999-1007 | 5.7 | 753 |
| 495 | Stabilization of linear systems over networks with bounded packet loss. <i>Automatica</i> , 2007 , 43, 80-87 | 5.7 | 463 |
| 494 | Delay-Dependent H_{∞} Control and Filtering for Uncertain Markovian Jump Systems With Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 2070-2077 | | 432 |
| 493 | An LMI approach to design robust fault detection filter for uncertain LTI systems. <i>Automatica</i> , 2003 , 39, 543-550 | 5.7 | 424 |
| 492 | On robust stabilization of Markovian jump systems with uncertain switching probabilities. <i>Automatica</i> , 2005 , 41, 897-903 | 5.7 | 399 |
| 491 | Static Output Feedback Stabilization: An ILMI Approach. <i>Automatica</i> , 1998 , 34, 1641-1645 | 5.7 | 389 |
| 490 | Necessary and Sufficient Conditions for Analysis and Synthesis of Markov Jump Linear Systems With Incomplete Transition Descriptions. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 1695-1701 | 5.9 | 384 |
| 489 | Robust integral sliding mode control for uncertain stochastic systems with time-varying delay. <i>Automatica</i> , 2005 , 41, 873-880 | 5.7 | 380 |
| 488 | Analysis and Synthesis of Markov Jump Linear Systems With Time-Varying Delays and Partially Known Transition Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 2458-2464 | 5.9 | 366 |
| 487 | Robust H_{∞} filtering for uncertain Markovian jump systems with mode-dependent time delays. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 900-907 | 5.9 | 366 |
| 486 | Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 1881-1889 | 3.9 | 340 |
| 485 | A survey of linear matrix inequality techniques in stability analysis of delay systems. <i>International Journal of Systems Science</i> , 2008 , 39, 1095-1113 | 2.3 | 298 |
| 484 | New criteria for synchronization stability of general complex dynamical networks with coupling delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 360, 263-273 | 2.3 | 272 |
| 483 | Quasi-synchronization of heterogeneous dynamic networks via distributed impulsive control: Error estimation, optimization and design. <i>Automatica</i> , 2015 , 62, 249-262 | 5.7 | 269 |
| 482 | Stability analysis for continuous systems with two additive time-varying delay components. <i>Systems and Control Letters</i> , 2007 , 56, 16-24 | 2.4 | 253 |
| 481 | Semi-active control of vehicle suspension with magneto-rheological dampers. <i>Journal of Sound and Vibration</i> , 2005 , 283, 981-996 | 3.9 | 246 |

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| 480 | Stability and Stabilization of Delayed T-S Fuzzy Systems: A Delay Partitioning Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 750-762 | 8.3 | 233 |
| 479 | Fuzzy Filtering of Nonlinear Systems With Intermittent Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 291-300 | 8.3 | 219 |
| 478 | Robust energy-to-peak filter design for stochastic time-delay systems. <i>Systems and Control Letters</i> , 2006 , 55, 101-111 | 2.4 | 216 |
| 477 | Fixed-Time Synchronization of Complex Networks With Impulsive Effects via Nonchattering Control. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5511-5521 | 5.9 | 214 |
| 476 | Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 2842-2850 | 8.9 | 206 |
| 475 | Fuzzy-model-based robust fault detection with stochastic mixed time delays and successive packet dropouts. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 365-76 | | 204 |
| 474 | On Equivalence and Efficiency of Certain Stability Criteria for Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 95-101 | 5.9 | 198 |
| 473 | Stability and dissipativity analysis of static neural networks with time delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 199-210 | 10.3 | 196 |
| 472 | Stabilization of Networked Control Systems With a Logic ZOH. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 358-363 | 5.9 | 194 |
| 471 | Fault Detection for Fuzzy Systems With Intermittent Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 398-410 | 8.3 | 182 |
| 470 | New results on delay-dependent robust . <i>Automatica</i> , 2006 , 42, 343-348 | 5.7 | 179 |
| 469 | Exponential stability of high-order bidirectional associative memory neural networks with time delays. <i>Physica D: Nonlinear Phenomena</i> , 2004 , 199, 425-436 | 3.3 | 175 |
| 468 | A new criterion of delay-dependent asymptotic stability for Hopfield neural networks with time delay. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 532-5 | | 174 |
| 467 | A delay-partitioning approach to the stability analysis of discrete-time systems. <i>Automatica</i> , 2010 , 46, 610-614 | 5.7 | 171 |
| 466 | -induced norm and controller synthesis of positive systems. <i>Automatica</i> , 2013 , 49, 1377-1385 | 5.7 | 170 |
| 465 | Positive Observers and Dynamic Output-Feedback Controllers for Interval Positive Linear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008 , 55, 3209-3222 | 3.9 | 170 |
| 464 | Multi-objective control of vehicle active suspension systems via load-dependent controllers. <i>Journal of Sound and Vibration</i> , 2006 , 290, 654-675 | 3.9 | 164 |
| 463 | Delay-dependent exponential stability for a class of neural networks with time delays. <i>Journal of Computational and Applied Mathematics</i> , 2005 , 183, 16-28 | 2.4 | 160 |

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| 462 | Stability and dissipativity analysis of distributed delay cellular neural networks. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 976-81 | | 159 |
| 461 | Stability and synchronization of discrete-time neural networks with switching parameters and time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1957-72 | 10.3 | 152 |
| 460 | Stabilization of discrete-time Markovian jump linear systems via time-delayed controllers. <i>Automatica</i> , 2006 , 42, 747-753 | 5.7 | 150 |
| 459 | Dissipativity analysis of singular time-delay systems. <i>Automatica</i> , 2011 , 47, 2548-2552 | 5.7 | 143 |
| 458 | Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009 , 39, 939-945 | | 142 |
| 457 | Stability analysis and stabilization for discrete-time fuzzy systems with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 306-17 | | 142 |
| 456 | A new approach to exponential stability analysis of neural networks with time-varying delays. <i>Neural Networks</i> , 2006 , 19, 76-83 | 9.1 | 141 |
| 455 | Finite-Horizon \mathcal{H}_∞ Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2488-2493 | 5.9 | 138 |
| 454 | Finite-Time Consensus of Multiagent Systems With a Switching Protocol. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 853-62 | 10.3 | 131 |
| 453 | Non-existence of finite-time stable equilibria in fractional-order nonlinear systems. <i>Automatica</i> , 2014 , 50, 547-551 | 5.7 | 131 |
| 452 | Robust stability and stabilisation of 2D discrete state-delayed systems. <i>Systems and Control Letters</i> , 2004 , 51, 277-291 | 2.4 | 130 |
| 451 | Global exponential stability of impulsive high-order BAM neural networks with time-varying delays. <i>Neural Networks</i> , 2006 , 19, 1581-90 | 9.1 | 129 |
| 450 | Computer-Aided Design and Optimization of High-Efficiency LLC Series Resonant Converter. <i>IEEE Transactions on Power Electronics</i> , 2012 , 27, 3243-3256 | 7.2 | 126 |
| 449 | On H_2 model reduction of bilinear systems. <i>Automatica</i> , 2002 , 38, 205-216 | 5.7 | 126 |
| 448 | Stability Analysis of Distributed Delay Neural Networks Based on Relaxed Lyapunov-Krasovskii Functionals. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1480-92 | 10.3 | 125 |
| 447 | Robust control of descriptor discrete-time Markovian jump systems. <i>International Journal of Control</i> , 2007 , 80, 374-385 | 1.5 | 123 |
| 446 | H_∞ model reduction of Markovian jump linear systems. <i>Systems and Control Letters</i> , 2003 , 50, 103-118 | 2.4 | 123 |
| 445 | Robust H_∞ control for discrete-time fuzzy systems via basis-dependent Lyapunov functions. <i>Information Sciences</i> , 2005 , 174, 197-217 | 7.7 | 123 |

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| 444 | Sliding mode control of switched hybrid systems with time-varying delay. <i>International Journal of Adaptive Control and Signal Processing</i> , 2008 , 22, 909-931 | 2.8 | 122 |
| 443 | Stability analysis and L1-gain characterization for switched positive systems under dwell-time constraint. <i>Automatica</i> , 2017 , 85, 1-8 | 5.7 | 120 |
| 442 | On reachable set estimation of singular systems. <i>Automatica</i> , 2015 , 52, 146-153 | 5.7 | 117 |
| 441 | Further Results on Exponential Estimates of Markovian Jump Systems With Mode-Dependent Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 223-229 | 5.9 | 114 |
| 440 | Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 2448-2457 | 5.9 | 114 |
| 439 | Quadratic stability and stabilization of uncertain linear discrete-time systems with state delay. <i>Systems and Control Letters</i> , 2001 , 43, 77-84 | 2.4 | 113 |
| 438 | Robust H ₂ control of Markovian jump systems with uncertain switching probabilities. <i>International Journal of Systems Science</i> , 2009 , 40, 255-265 | 2.3 | 110 |
| 437 | Reduced-order filtering for singular systems. <i>Systems and Control Letters</i> , 2007 , 56, 48-57 | 2.4 | 110 |
| 436 | On impulsive autoassociative neural networks. <i>Neural Networks</i> , 2000 , 13, 63-9 | 9.1 | 107 |
| 435 | Novel global robust stability criteria for interval neural networks with multiple time-varying delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 342, 322-330 | 2.3 | 105 |
| 434 | L ₁ gain analysis for positive systems with distributed delays. <i>Automatica</i> , 2014 , 50, 175-179 | 5.7 | 104 |
| 433 | State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 4328-4337 | 2.3 | 104 |
| 432 | Static output-feedback stabilization of discrete-time Markovian jump linear systems: A system augmentation approach. <i>Automatica</i> , 2010 , 46, 687-694 | 5.7 | 104 |
| 431 | Global robust exponential stability analysis for interval recurrent neural networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 325, 124-133 | 2.3 | 104 |
| 430 | filtering of discrete-time fuzzy systems via basis-dependent Lyapunov function approach. <i>Fuzzy Sets and Systems</i> , 2007 , 158, 180-193 | 3.7 | 101 |
| 429 | An improved characterization of bounded realness for singular delay systems and its applications. <i>International Journal of Robust and Nonlinear Control</i> , 2008 , 18, 263-277 | 3.6 | 101 |
| 428 | Robust H _∞ control for uncertain discrete stochastic time-delay systems. <i>Systems and Control Letters</i> , 2004 , 51, 203-215 | 2.4 | 99 |
| 427 | Stochastic stabilizability and H _∞ control for discrete-time jump linear systems with time delay. <i>Journal of the Franklin Institute</i> , 1999 , 336, 1263-1281 | 4 | 99 |

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| 426 | New insight into delay-dependent stability of time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 961-970 | 3.6 | 98 |
| 425 | Stabilisation of hybrid stochastic differential equations by delay feedback control. <i>Systems and Control Letters</i> , 2008 , 57, 927-935 | 2.4 | 94 |
| 424 | Non-fragile output feedback H _∞ vehicle suspension control using genetic algorithm. <i>Engineering Applications of Artificial Intelligence</i> , 2003 , 16, 667-680 | 7.2 | 94 |
| 423 | Reachable set estimation for discrete-time linear systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 269-281 | 3.6 | 91 |
| 422 | Model simplification for switched hybrid systems. <i>Systems and Control Letters</i> , 2006 , 55, 1015-1021 | 2.4 | 91 |
| 421 | New passivity criteria for neural networks with time-varying delay. <i>Neural Networks</i> , 2009 , 22, 864-8 | 9.1 | 89 |
| 420 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2007 , 15, 188-199 | 8.3 | 87 |
| 419 | Stability and Performance Analysis for Positive Fractional-Order Systems With Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2676-2681 | 5.9 | 86 |
| 418 | Exponential estimates and stabilization of uncertain singular systems with discrete and distributed delays. <i>International Journal of Control</i> , 2008 , 81, 865-882 | 1.5 | 83 |
| 417 | Robust exponential stabilization for Markovian jump systems with mode-dependent input delay. <i>Automatica</i> , 2007 , 43, 1799-1807 | 5.7 | 81 |
| 416 | Multi-objective control for active vehicle suspension with wheelbase preview. <i>Journal of Sound and Vibration</i> , 2014 , 333, 5269-5282 | 3.9 | 80 |
| 415 | \mathcal{H}_{∞} Positive Filtering for Positive Linear Discrete-Time Systems: An Augmentation Approach. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2337-2342 | 5.9 | 80 |
| 414 | H _∞ and H ₂ filtering for linear systems with uncertain Markov transitions. <i>Automatica</i> , 2016 , 67, 252-266 | 5.7 | 79 |
| 413 | Robust reliable dissipative filtering for discrete delay singular systems. <i>Signal Processing</i> , 2012 , 92, 3010-3025 | 7.4 | 79 |
| 412 | H _∞ model reduction for linear time-delay systems: Continuous-time case. <i>International Journal of Control</i> , 2001 , 74, 1062-1074 | 1.5 | 79 |
| 411 | Static output-feedback stabilization with optimal L ₁ -gain for positive linear systems. <i>Automatica</i> , 2016 , 63, 248-253 | 5.7 | 77 |
| 410 | Optimal partitioning method for stability analysis of continuous/discrete delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 559-574 | 3.6 | 77 |
| 409 | Robust stabilization of Markovian delay systems with delay-dependent exponential estimates. <i>Automatica</i> , 2006 , 42, 2001-2008 | 5.7 | 77 |

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| 408 | Dynamic output feedback H _∞ control of discrete-time fuzzy systems: a fuzzy-basis-dependent Lyapunov function approach. <i>International Journal of Systems Science</i> , 2007 , 38, 25-37 | 2.3 | 76 |
| 407 | Model reduction of delay systems using Pade approximants. <i>International Journal of Control</i> , 1993 , 57, 377-391 | 1.5 | 76 |
| 406 | Delay-dependent stochastic stability and H _∞ analysis for time-delay systems with Markovian jumping parameters. <i>Journal of the Franklin Institute</i> , 2003 , 340, 423-434 | 4 | 75 |
| 405 | Further results on delay-dependent robust stability conditions of uncertain neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , 2005 , 15, 233-246 | 3.6 | 75 |
| 404 | Constrained predictive control synthesis for quantized systems with Markovian data loss. <i>Automatica</i> , 2015 , 55, 217-225 | 5.7 | 73 |
| 403 | Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 1743-1759 | 3.6 | 73 |
| 402 | Robust state estimation for stochastic genetic regulatory networks. <i>International Journal of Systems Science</i> , 2010 , 41, 47-63 | 2.3 | 72 |
| 401 | Robust stability of uncertain discrete-time singular fuzzy systems. <i>Fuzzy Sets and Systems</i> , 2007 , 158, 2306-2316 | 3.7 | 72 |
| 400 | Computation of robust stability bounds for time-delay systems with nonlinear time-varying perturbations. <i>International Journal of Systems Science</i> , 2000 , 31, 359-365 | 2.3 | 72 |
| 399 | . <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 4357-4366 | 8.9 | 70 |
| 398 | Distributed active anti-disturbance output consensus algorithms for higher-order multi-agent systems with mismatched disturbances. <i>Automatica</i> , 2016 , 74, 30-37 | 5.7 | 70 |
| 397 | Positive Edge-Consensus for Nodal Networks via Output Feedback. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1244-1249 | 5.9 | 69 |
| 396 | Parameter-dependent input-delayed control of uncertain vehicle suspensions. <i>Journal of Sound and Vibration</i> , 2008 , 317, 537-556 | 3.9 | 69 |
| 395 | Stability analysis of static recurrent neural networks using delay-partitioning and projection. <i>Neural Networks</i> , 2009 , 22, 343-7 | 9.1 | 68 |
| 394 | Output feedback delay compensation control for networked control systems with random delays. <i>Information Sciences</i> , 2014 , 265, 154-166 | 7.7 | 67 |
| 393 | Stability Analysis of Continuous-Time Switched Systems With a Random Switching Signal. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 180-186 | 5.9 | 65 |
| 392 | Exponential filter design for uncertain Takagi-Sugeno fuzzy systems with time delay. <i>Engineering Applications of Artificial Intelligence</i> , 2004 , 17, 645-659 | 7.2 | 65 |
| 391 | Reachable set estimation and controller design for distributed delay systems with bounded disturbances. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3068-3088 | 4 | 63 |

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| 390 | Stabilization of Networked Control Systems via Dynamic Output-Feedback Controllers. <i>SIAM Journal on Control and Optimization</i> , 2010 , 48, 3643-3658 | 1.9 | 63 |
| 389 | Razumikhin method and exponential stability of hybrid stochastic delay interval systems. <i>Journal of Mathematical Analysis and Applications</i> , 2006 , 314, 45-66 | 1.1 | 63 |
| 388 | H _∞ model reduction for discrete time-delay systems: delay-independent and dependent approaches. <i>International Journal of Control</i> , 2004 , 77, 321-335 | 1.5 | 63 |
| 387 | Positive filtering for positive Takagi-Sugeno fuzzy systems under L ₁ performance. <i>Information Sciences</i> , 2015 , 299, 32-41 | 7.7 | 62 |
| 386 | On Smith-type iterative algorithms for the Stein matrix equation. <i>Applied Mathematics Letters</i> , 2009 , 22, 1038-1044 | 3.5 | 62 |
| 385 | Positivity-preserving L ₁ filtering. <i>Automatica</i> , 2011 , 47, 1504-1511 | 5.7 | 62 |
| 384 | Improved global robust asymptotic stability criteria for delayed cellular neural networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2005 , 35, 1317-21 | | 62 |
| 383 | Non-fragile guaranteed cost control for uncertain descriptor systems with time-varying state and input delays. <i>Optimal Control Applications and Methods</i> , 2005 , 26, 85-105 | 1.7 | 62 |
| 382 | Integral partitioning approach to robust stabilization for uncertain distributed time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 676-689 | 3.6 | 61 |
| 381 | Toward solution of matrix equation AX + XA = B. <i>Linear Algebra and Its Applications</i> , 2011 , 435, 1370-1398 | 0.9 | 61 |
| 380 | Estimation and synthesis of reachable set for switched linear systems. <i>Automatica</i> , 2016 , 63, 122-132 | 5.7 | 60 |
| 379 | Positive filtering for continuous-time positive systems under L ₁ performance. <i>International Journal of Control</i> , 2014 , 87, 1906-1913 | 1.5 | 60 |
| 378 | A new result on the delay-dependent stability of discrete systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2512-2521 | 3.6 | 60 |
| 377 | Robust Stabilization of Delayed Singular Systems with Linear Fractional Parametric Uncertainties. <i>Circuits, Systems, and Signal Processing</i> , 2003 , 22, 579-588 | 2.2 | 60 |
| 376 | An Improved Incremental Learning Approach for KPI Prognosis of Dynamic Fuel Cell System. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 3135-3144 | 10.2 | 59 |
| 375 | State feedback H _∞ control of commensurate fractional-order systems. <i>International Journal of Systems Science</i> , 2014 , 45, 363-372 | 2.3 | 59 |
| 374 | Non-Fragile Exponential Stability Assignment of Discrete-Time Linear Systems With Missing Data in Actuators. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 625-630 | 5.9 | 59 |
| 373 | Stability and stabilization of periodic piecewise linear systems: A matrix polynomial approach. <i>Automatica</i> , 2018 , 94, 1-8 | 5.7 | 58 |

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| 372 | A NEW LMI CONDITION FOR DELAY-DEPENDENT ROBUST STABILITY OF STOCHASTIC TIME-DELAY SYSTEMS. <i>Asian Journal of Control</i> , 2008 , 7, 419-423 | 1.7 | 58 |
| 371 | Filtering for a class of nonlinear discrete-time stochastic systems with state delays. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 201, 153-163 | 2.4 | 58 |
| 370 | Modelling of a magneto-rheological damper by evolving radial basis function networks. <i>Engineering Applications of Artificial Intelligence</i> , 2006 , 19, 869-881 | 7.2 | 58 |
| 369 | Guaranteed cost control of periodic piecewise linear time-delay systems. <i>Automatica</i> , 2018 , 94, 274-282 | 5.7 | 58 |
| 368 | Stability, stabilization and L2-gain analysis of periodic piecewise linear systems. <i>Automatica</i> , 2015 , 61, 218-226 | 5.7 | 57 |
| 367 | Stability and Stabilization for Markovian Jump Time-Delay Systems With Partially Unknown Transition Rates. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 341-351 | 3.9 | 57 |
| 366 | Decay rate constrained stabilization of positive systems using static output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 44-54 | 3.6 | 57 |
| 365 | An augmented system approach to static output-feedback stabilization with H_2 performance for continuous-time plants. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 768-785 | 3.6 | 57 |
| 364 | Non-fragile positive real control for uncertain linear neutral delay systems. <i>Systems and Control Letters</i> , 2004 , 52, 59-74 | 2.4 | 57 |
| 363 | A Hybrid Design Approach for Output Feedback Exponential Stabilization of Markovian Jump Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1404-1417 | 5.9 | 56 |
| 362 | An LMI approach to guaranteed cost control for uncertain linear neutral delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2003 , 13, 35-53 | 3.6 | 56 |
| 361 | CONVERGENCE OF DISCRETE-TIME RECURRENT NEURAL NETWORKS WITH VARIABLE DELAY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005 , 15, 581-595 | 2 | 56 |
| 360 | A gradient flow approach to the robust pole-placement problem. <i>International Journal of Robust and Nonlinear Control</i> , 1995 , 5, 175-185 | 3.6 | 55 |
| 359 | ℓ_{∞}/L_{∞} -Gain Analysis for Positive Linear Systems With Unbounded Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 857-862 | 5.9 | 54 |
| 358 | Positive state-bounding observer for positive interval continuous-time systems with time delay. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 1244-1257 | 3.6 | 54 |
| 357 | On the absolute stability approach to quantized feedback control. <i>Automatica</i> , 2010 , 46, 337-346 | 5.7 | 54 |
| 356 | Relaxed results on reachable set estimation of time-delay systems with bounded peak inputs. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 1994-2007 | 3.6 | 52 |
| 355 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1125-1137 | 8.3 | 51 |

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| 354 | Passivity criteria for continuous-time neural networks with mixed time-varying delays. <i>Applied Mathematics and Computation</i> , 2012 , 218, 11062-11074 | 2.7 | 51 |
| 353 | Weighted H_{∞} Filtering of Switched Systems with Time-Varying Delay: Average Dwell Time Approach. <i>Circuits, Systems, and Signal Processing</i> , 2009 , 28, 1017-1036 | 2.2 | 51 |
| 352 | Robust output feedback stabilization for two-dimensional continuous systems in roesser form. <i>Applied Mathematics Letters</i> , 2004 , 17, 1331-1341 | 3.5 | 51 |
| 351 | Finite-time H_{∞} control of periodic piecewise linear systems. <i>International Journal of Systems Science</i> , 2017 , 48, 2333-2344 | 2.3 | 50 |
| 350 | Realization of a Special Class of Admittances with One Damper and One Inerter for Mechanical Control. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1841-1846 | 5.9 | 49 |
| 349 | Discrete bilinear stochastic systems with time-varying delay: Stability analysis and control synthesis. <i>Chaos, Solitons and Fractals</i> , 2007 , 34, 394-404 | 9.3 | 49 |
| 348 | Robust H_{∞} control for uncertain singular systems with state delay. <i>International Journal of Robust and Nonlinear Control</i> , 2003 , 13, 1213-1223 | 3.6 | 49 |
| 347 | Robust stabilization via state feedback for descriptor systems with uncertainties in the derivative matrix. <i>International Journal of Control</i> , 2000 , 73, 407-415 | 1.5 | 49 |
| 346 | Robust guaranteed cost control of discrete-time networked control systems. <i>Optimal Control Applications and Methods</i> , 2011 , 32, 95-112 | 1.7 | 48 |
| 345 | Stabilization for state/input delay systems via static and integral output feedback. <i>Automatica</i> , 2010 , 46, 2000-2007 | 5.7 | 48 |
| 344 | Stability and Stabilization of Uncertain 2-D Discrete Systems with Stochastic Perturbation. <i>Multidimensional Systems and Signal Processing</i> , 2005 , 16, 85-106 | 1.8 | 47 |
| 343 | . <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 511-524 | 8.3 | 46 |
| 342 | Relaxed passivity conditions for neural networks with time-varying delays. <i>Neurocomputing</i> , 2014 , 142, 299-306 | 5.4 | 46 |
| 341 | Global point dissipativity of neural networks with mixed time-varying delays. <i>Chaos</i> , 2006 , 16, 013105 | 3.3 | 46 |
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