# Xiaoping Liu

### List of Publications by Citations

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132 6,471 43 79 g-index

145 7,954 4.7 6.64 L-index

| #   | Paper  | IF                | Citations      |
|-----|--|-------------------|----------------|
| 132 | Direct adaptive fuzzy control of nonlinear strict-feedback systems. <i>Automatica</i> , <b>2009</b> , 45, 1530-1535  | 5.7               | 499            |
| 131 | Robust adaptive fuzzy tracking control for pure-feedback stochastic nonlinear systems with input constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 2093-104   | 10.2              | 324            |
| 130 | Adaptive Neural Control of Pure-Feedback Nonlinear Time-Delay Systems via Dynamic Surface Technique. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2011</b> , 41, 1681-92   |                   | 249            |
| 129 | Finite-Time Adaptive Fuzzy Tracking Control Design for Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1207-1216  | 8.3               | 231            |
| 128 | Adaptive neural tracking control for a class of nonstrict-feedback stochastic nonlinear systems with unknown backlash-like hysteresis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 947-58 | 10.3              | 231            |
| 127 | Approximation-Based Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Time-Delay Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 1746-1760                             | 8.3               | 227            |
| 126 | Neural-Based Adaptive Output-Feedback Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1977-87  | 10.2              | 215            |
| 125 | Novel adaptive neural control design for nonlinear MIMO time-delay systems. <i>Automatica</i> , <b>2009</b> , 45, 15   | 55 <b>4:-</b> 156 | 5 <b>0</b> 197 |
| 124 | Adaptive Fuzzy Output Tracking Control of MIMO Nonlinear Uncertain Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2007</b> , 15, 287-300  | 8.3               | 193            |
| 123 | Robust Adaptive Neural Tracking Control for a Class of Stochastic Nonlinear Interconnected Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 510-23                                    | 10.3              | 178            |
| 122 | Adaptive fuzzy tracking control for a class of perturbed strict-feedback nonlinear time-delay systems. <i>Fuzzy Sets and Systems</i> , <b>2008</b> , 159, 949-967  | 3.7               | 161            |
| 121 | Observer-Based Adaptive Fuzzy Control for a Class of Nonlinear Delayed Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 27-36   | 7.3               | 142            |
| 120 | Delay-dependent robust H/sub /spl infin// control for T-S fuzzy systems with time delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2005</b> , 13, 544-556   | 8.3               | 141            |
| 119 | Adaptive Fuzzy Tracking Control for a Class of MIMO Nonlinear Systems in Nonstrict-Feedback Form. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2744-55  | 10.2              | 133            |
| 118 | Adaptive Fuzzy Finite-Time Control of Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1786-1797  | 10.2              | 133            |
| 117 | Observer and Adaptive Fuzzy Control Design for Nonlinear Strict-Feedback Systems With Unknown Virtual Control Coefficients. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1732-1743                                | 8.3               | 130            |
| 116 | Direct adaptive fuzzy control for nonlinear systems with time-varying delays. <i>Information Sciences</i> , <b>2010</b> , 180, 776-792   | 7.7               | 126            |

## (2016-2014)

| Adaptive neural tracking control for stochastic nonlinear strict-feedback systems with unknown input saturation. <i>Information Sciences</i> , <b>2014</b> , 269, 300-315                                  | 7.7  | 115   |
|--|--|---|
| . IEEE Transactions on Fuzzy Systems, <b>2010</b> , 18, 883-892  | 8.3  | 112   |
| Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backstepping and application to chemical processes. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2005</b> , 13, 832-847            | 8.3  | 112   |
| Fuzzy guaranteed cost control for nonlinear systems with time-varying delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2005</b> , 13, 238-249   | 8.3  | 106   |
| New delay-dependent stabilization conditions of TB fuzzy systems with constant delay. <i>Fuzzy Sets and Systems</i> , <b>2007</b> , 158, 2209-2224   | 3.7  | 96  |
| Reliable control design of fuzzy dynamic systems with time-varying delay. <i>Fuzzy Sets and Systems</i> , <b>2004</b> , 146, 349-374   | 3.7  | 92  |
| Neural Observer and Adaptive Neural Control Design for a Class of Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 4261-4271                        | 10.3   | 90  |
| Fuzzy Approximation-Based Adaptive Control of Nonlinear Delayed Systems With Unknown Dead Zone. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 237-248                                      | 8.3  | 88  |
| Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backstepping approach. <i>Fuzzy Sets and Systems</i> , <b>2007</b> , 158, 1097-1125  | 3.7  | 85  |
| Existence, uniqueness, and exponential stability analysis for complex-valued memristor-based BAM neural networks with time delays. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 311, 100-117 | 2.7  | 79  |
| Approximation-based adaptive neural control design for a class of nonlinear systems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 610-9   | 10.2   | 79  |
| Dynamic Learning From Neural Control for Strict-Feedback Systems With Guaranteed Predefined Performance. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 2564-2576    | 10.3   | 72  |
| A Novel Finite-Time Adaptive Fuzzy Tracking Control Scheme for Nonstrict Feedback Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 646-658   | 8.3  | 71  |
| Robust stabilization of MIMO nonlinear systems by backstepping. <i>Automatica</i> , <b>1999</b> , 35, 987-992  | 5.7  | 69  |
| Adaptive Fuzzy Practical Fixed-Time Tracking Control of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 664-673   | 8.3  | 68  |
| Adaptive neural networks finite-time tracking control for non-strict feedback systems via prescribed performance. <i>Information Sciences</i> , <b>2018</b> , 468, 29-46                                   | 7.7  | 66  |
| Guaranteed cost control of TB fuzzy systems with state and input delays. <i>Fuzzy Sets and Systems</i> , <b>2007</b> , 158, 2251-2267  | 3.7  | 64  |
| Adaptive fuzzy tracking control for a class of pure-feedback stochastic nonlinear systems with non-lower triangular structure. <i>Fuzzy Sets and Systems</i> , <b>2016</b> , 302, 101-120                  | 3.7  | 63  |
|  | Input saturation. Information Sciences, 2014, 269, 300-315  IEEE Transactions on Fuzzy Systems, 2010, 18, 883-892  Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backstepping and application to chemical processes. IEEE Transactions on Fuzzy Systems, 2005, 13, 832-847  Fuzzy guaranteed cost control for nonlinear systems with time-varying delay. IEEE Transactions on Fuzzy Systems, 2005, 13, 238-249  New delay-dependent stabilization conditions of TB fuzzy systems with constant delay. Fuzzy Sets and Systems, 2007, 158, 2209-2224  Reliable control design of fuzzy dynamic systems with time-varying delay. Fuzzy Sets and Systems, 2004, 146, 349-374  Neural Observer and Adaptive Neural Control Design for a class of Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4261-4271  Fuzzy Approximation-Based Adaptive Control of Nonlinear Delayed Systems With Unknown Dead Zone. IEEE Transactions on Fuzzy Systems, 2014, 22, 237-248  Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backstepping approach. Fuzzy Sets and Systems, 2007, 158, 1097-1125  Existence, uniqueness, and exponential stability analysis for complex-valued memristor-based BAM neural networks with time delays. Applied Mathematics and Computation, 2017, 311, 100-117  Approximation-based adaptive neural control design for a class of nonlinear systems. IEEE Transactions on Cybernetics, 2014, 44, 610-9  Dynamic Learning From Neural Control for Strict-Feedback Systems With Guaranteed Predefined Performance. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2564-2576  A Novel Finite-Time Adaptive Fuzzy Tracking Control Scheme for Nonstrict Feedback Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 646-658  Robust stabilization of MIMO nonlinear systems by backstepping. Automatica, 1999, 35, 987-992  Adaptive Fuzzy Practical Fixed-Time Tracking Control of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 664-673  Adaptive fuzzy tracking control for a | Input saturation. Information Sciences, 2014, 269, 300-315  IEEE Transactions on Fuzzy Systems, 2010, 18, 883-892  83  Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backsteeping and application to chemical processes. IEEE Transactions on Fuzzy Systems, 2005, 13, 832-847  83  Fuzzy guaranteed cost control for nonlinear systems with time-varying delay. IEEE Transactions on Fuzzy Systems, 2005, 13, 238-249  New delay-dependent stabilization conditions of TB fuzzy systems with constant delay. Fuzzy Sets and Systems, 2007, 158, 2209-2224  Reliable control design of fuzzy dynamic systems with time-varying delay. Fuzzy Sets and Systems, 2004, 146, 349-374  Neural Observer and Adaptive Neural Control Design for a Class of Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4261-4271  Fuzzy Approximation-Based Adaptive Control of Nonlinear Delayed Systems With Unknown Dead Zone. IEEE Transactions on Puzzy Systems, 2014, 22, 237-248  Fuzzy approximate disturbance decoupling of MIMO nonlinear systems by backsteepping approach. Fuzzy Sets and Systems, 2007, 158, 1097-1125  Existence, uniqueness, and exponential stability analysis for complex-valued memristor-based BAM per learning systems, 2007, 158, 1097-1125  Approximation-based adaptive neural control design for a class of nonlinear systems. IEEE Transactions on Cybernetics, 2014, 44, 610-9  Dynamic Learning From Neural Control for Strict-Feedback Systems With Guaranteed Predefined Performance. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2564-2576  A Novel Finite-Time Adaptive Fuzzy Tracking Control Scheme for Nonstrict Feedback Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 646-658  Robust stabilization of MIMO nonlinear systems by backsteepping. Automatica, 1999, 35, 987-992  577  Adaptive Fuzzy Practical Fixed-Time Tracking Control of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 646-658  Adaptive neural networks finite-time tracking control for non-strict |

| 97 | Finite-Time Stabilizability and Instabilizability for Complex-Valued Memristive Neural Networks With Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> <b>2018</b> , 48, 2371-2382 | 7.3  | 60 |
|----|---|------|----|
| 96 | Almost disturbance decoupling of MIMO nonlinear systems and application to chemical processes. <i>Automatica</i> , <b>2004</b> , 40, 465-471  | 5.7  | 58 |
| 95 | Adaptive fuzzy tracking control of nonlinear time-delay systems with unknown virtual control coefficients. <i>Information Sciences</i> , <b>2008</b> , 178, 4326-4340   | 7.7  | 57 |
| 94 | Adaptive fuzzy tracking control of nonlinear MIMO systems with time-varying delays. <i>Fuzzy Sets and Systems</i> , <b>2013</b> , 217, 1-21   | 3.7  | 54 |
| 93 | Adaptive fuzzy funnel control for a class of strict feedback nonlinear systems. <i>Neurocomputing</i> , <b>2017</b> , 241, 71-80  | 5.4  | 49 |
| 92 | Adaptive control for nonlinear MIMO time-delay systems based on fuzzy approximation. <i>Information Sciences</i> , <b>2013</b> , 222, 576-592   | 7.7  | 49 |
| 91 | Adaptive backstepping H tracking control with prescribed performance for internet congestion. <i>ISA Transactions</i> , <b>2018</b> , 72, 92-99   | 5.5  | 48 |
| 90 | Robust adaptive fuzzy fault-tolerant control for a class of non-lower-triangular nonlinear systems with actuator failures. <i>Information Sciences</i> , <b>2016</b> , 336, 60-74                                 | 7.7  | 45 |
| 89 | Delay-dependent stability analysis and control synthesis of fuzzy dynamic systems with time delay. <i>Fuzzy Sets and Systems</i> , <b>2006</b> , 157, 2224-2240   | 3.7  | 43 |
| 88 | Direct Adaptive Preassigned Finite-Time Control With Time-Delay and Quantized Input Using Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 1222-1231          | 10.3 | 43 |
| 87 | Adaptive fuzzy asymptotical tracking control of nonlinear systems with unmodeled dynamics and quantized actuator. <i>Information Sciences</i> , <b>2018</b> , 575, 779-779  | 7.7  | 36 |
| 86 | All-pass filtering in iterative learning control. <i>Automatica</i> , <b>2009</b> , 45, 257-264   | 5.7  | 34 |
| 85 | Further stability analysis for delayed complex-valued recurrent neural networks. <i>Neurocomputing</i> , <b>2017</b> , 251, 81-89   | 5.4  | 33 |
| 84 | Dynamic learning from adaptive neural control with predefined performance for a class of nonlinear systems. <i>Information Sciences</i> , <b>2014</b> , 279, 874-888  | 7.7  | 33 |
| 83 | Exponential input-to-state stability for complex-valued memristor-based BAM neural networks with multiple time-varying delays. <i>Neurocomputing</i> , <b>2018</b> , 275, 2041-2054                               | 5.4  | 32 |
| 82 | Adaptive robust fault-tolerant control for nonlinear systems with prescribed performance. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1727-1739   | 5    | 31 |
| 81 | Adaptive fuzzy decentralized control for a class of pure-feedback large-scale nonlinear systems. <i>Nonlinear Dynamics</i> , <b>2014</b> , 75, 449-460  | 5    | 30 |
| 80 | Annular Domain Finite-Time Connective Control for Large-Scale Systems With Expanding Construction. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11                        | 7.3  | 29 |

### (2019-2018)

| 79 | Robust fuzzy adaptive funnel control of nonlinear systems with dynamic uncertainties. <i>Neurocomputing</i> , <b>2018</b> , 314, 299-309   | 5.4     | 26              |  |
|----|--|---------|-----------------|--|
| 78 | Finite-Time Stability for Delayed Complex-Valued BAM Neural Networks. <i>Neural Processing Letters</i> , <b>2018</b> , 48, 179-193   | 2.4     | 25              |  |
| 77 | Adaptive Finite-Time Fuzzy Funnel Control for Nonaffine Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2894-2903                                    | 7:3     | 25              |  |
| 76 | Adaptive neural data-based compensation control of non-linear systems with dynamic uncertainties and input saturation. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 1058-1065                 | 2.5     | 24              |  |
| 75 | Fixed-time almost disturbance decoupling of nonlinear time-varying systems with multiple disturbances and dead-zone input. <i>Information Sciences</i> , <b>2018</b> , 450, 267-283                            | 7.7     | 23              |  |
| 74 | Event-triggered adaptive tracking control for uncertain nonlinear systems based on a new funnel function. <i>ISA Transactions</i> , <b>2020</b> , 99, 130-138  | 5.5     | 22              |  |
| 73 | Adaptive neural control for a general class of pure-feedback stochastic nonlinear systems. <i>Neurocomputing</i> , <b>2014</b> , 135, 348-356  | 5.4     | 20              |  |
| 7² | Stabilization of non-linear differential-algebraic equation systems. <i>International Journal of Control</i> , <b>2004</b> , 77, 671-684   | 1.5     | 20              |  |
| 71 | Multi-class classification for steel surface defects based on machine learning with quantile hyper-spheres. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2017</b> , 168, 15-27                  | 3.8     | 19              |  |
| 70 | Adaptive fuzzy funnel congestion control for TCP/AQM network. ISA Transactions, 2019, 95, 11-17  | 5.5     | 18              |  |
| 69 | Fuzzy-approximation-based decentralized adaptive control for pure-feedback large-scale nonlinear systems with time-delay. <i>Neural Computing and Applications</i> , <b>2015</b> , 26, 151-160                 | 4.8     | 18              |  |
| 68 | Multi-class classification method using twin support vector machines with multi-information for steel surface defects. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2018</b> , 176, 108-118     | 3.8     | 18              |  |
| 67 | Quantitative exponential stability and stabilisation of discrete-time Markov jump systems with multiplicative noises. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2886-2892                 | 2.5     | 18              |  |
| 66 | Finite-time adaptive tracking control for unknown nonlinear systems with a novel barrier Lyapunov function. <i>Information Sciences</i> , <b>2020</b> , 528, 231-245   | 7.7     | 17              |  |
| 65 | Adaptive fuzzy finite-time stability of uncertain nonlinear systems based on prescribed performance. <i>Fuzzy Sets and Systems</i> , <b>2019</b> , 374, 23-39  | 3.7     | 17              |  |
| 64 | Adaptive Neural Network Prescribed Performance Bounded- H Tracking Control for a Class of Stochastic Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 2 | 140-235 | 2 <sup>17</sup> |  |
| 63 | Backstepping-Based Lyapunov Function Construction Using Approximate Dynamic Programming and Sum of Square Techniques. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3393-3403                    | 10.2    | 16              |  |
| 62 | Congestion tracking control for uncertain TCP/AQM network based on integral backstepping. <i>ISA Transactions</i> , <b>2019</b> , 89, 131-138  | 5.5     | 16              |  |

| 61 | Global decentralized robust stabilization for interconnected uncertain nonlinear systems with multiple inputs. <i>Automatica</i> , <b>2001</b> , 37, 1435-1442  | 5.7               | 15 |
|----|---|-------------------|----|
| 60 | Event-triggered finite-time adaptive neural control for nonlinear non-strict-feedback time-delay systems with disturbances. <i>Information Sciences</i> , <b>2020</b> , 536, 1-24                                     | 7.7               | 14 |
| 59 | Backstepping-based decentralized adaptive neural HII racking control for a class of large-scale nonlinear interconnected systems. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 4533-4552             | 4                 | 14 |
| 58 | Direct adaptive neural control of nonlinear strict-feedback systems with unmodeled dynamics using small-gain approach. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2016</b> , 30, 906 | - <del>3</del> 27 | 14 |
| 57 | Adaptive prescribed performance tracking control for strict-feedback nonlinear systems with zero dynamics. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 6507-6521                 | 3.6               | 13 |
| 56 | Lagrange Exponential Stability of Complex-Valued BAM Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> <b>2019</b> , 1-14                                 | 7.3               | 12 |
| 55 | Finite-time attitude-tracking control for rigid spacecraft with actuator failures and saturation constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 1903-1937              | 3.6               | 11 |
| 54 | Event-triggering based adaptive neural tracking control for a class of pure-feedback systems with finite-time prescribed performance. <i>Neurocomputing</i> , <b>2020</b> , 382, 221-232                              | 5.4               | 11 |
| 53 | Adaptive Practical Fixed-Time Tracking Control With Prescribed Boundary Constraints. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 1716-1726                                 | 3.9               | 11 |
| 52 | Adaptive finite-time congestion controller design of TCP/AQM systems based on neural network and funnel control. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 9471-9478                               | 4.8               | 11 |
| 51 | Observer-based adaptive fuzzy funnel control for strict-feedback nonlinear systems with unknown control coefficients. <i>Neurocomputing</i> , <b>2019</b> , 358, 467-478  | 5.4               | 10 |
| 50 | Study on TCP/AQM network congestion with adaptive neural network and barrier Lyapunov function. <i>Neurocomputing</i> , <b>2019</b> , 363, 27-34  | 5.4               | 10 |
| 49 | Finite-time prescribed performance adaptive fuzzy control for unknown nonlinear systems. <i>Fuzzy Sets and Systems</i> , <b>2021</b> , 402, 16-34   | 3.7               | 10 |
| 48 | Adaptive finite-time dynamic surface tracking control of nonaffine nonlinear systems with dead zone. <i>Neurocomputing</i> , <b>2019</b> , 366, 66-73   | 5.4               | 9  |
| 47 | Design of finite-time HItontroller for uncertain nonlinear systems and its application. <i>International Journal of Control</i> , <b>2019</b> , 92, 2928-2938   | 1.5               | 9  |
| 46 | Finite-Time Synchronization for Complex-Valued Recurrent Neural Networks with Time Delays. <i>Complexity</i> , <b>2018</b> , 2018, 1-14   | 1.6               | 9  |
| 45 | Adaptive practical preassigned finite-time stability for a class of pure-feedback systems with full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2978-2994     | 3.6               | 8  |
| 44 | Congestion tracking control for multi-router TCP/AQM network based on integral backstepping. <i>Computer Networks</i> , <b>2020</b> , 175, 107278   | 5.4               | 8  |

### (2008-2021)

| 43 | Command-filter-based adaptive finite-time consensus control for nonlinear strict-feedback multi-agent systems with dynamic leader. <i>Information Sciences</i> , <b>2021</b> , 565, 17-31                   | 7.7 | 8 |  |
|----|---|-----|---|--|
| 42 | Fixed-time synchronization for complex-valued BAM neural networks with time delays. <i>Asian Journal of Control</i> , <b>2021</b> , 23, 298-314   | 1.7 | 8 |  |
| 41 | Backstepping-based decentralized bounded-Hadaptive neural control for a class of large-scale stochastic nonlinear systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 8049-8079          | 4   | 7 |  |
| 40 | Backstepping-based decentralized adaptive neural (H_{infty}) control for a class of large-scale nonlinear systems with expanding construction. <i>Nonlinear Dynamics</i> , <b>2017</b> , 90, 1373-1392      | 5   | 7 |  |
| 39 | Semi-globally practical finite-time stability for uncertain nonlinear systems based on dynamic surface control. <i>International Journal of Control</i> , <b>2021</b> , 94, 476-485                         | 1.5 | 7 |  |
| 38 | Command filtered finite-time control for nonlinear systems with state constraints and its application to TCP network. <i>Information Sciences</i> , <b>2021</b> , 550, 189-206                              | 7.7 | 6 |  |
| 37 | A novel finite-time prescribed performance control scheme for spacecraft attitude tracking. <i>Aerospace Science and Technology</i> , <b>2021</b> , 118, 107044   | 4.9 | 6 |  |
| 36 | Adaptive fault tolerant control for a class of uncertain fractional-order systems based on disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3436-3450 | 3.6 | 5 |  |
| 35 | Universal Approximation of Fuzzy Relation Models by Semitensor Product. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2972-2981   | 8.3 | 5 |  |
| 34 | Observer-Based Adaptive Fuzzy Formation Control of Nonlinear Multi-Agent Systems with Nonstrict-Feedback Form. <i>International Journal of Fuzzy Systems</i> , <b>2021</b> , 23, 680-691                    | 3.6 | 5 |  |
| 33 | Sliding Mode Control for Uncertain Time-delay TCP/AQM Network Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2008</b> , 41, 12013-12018                   |     | 4 |  |
| 32 | Robust finite-time (H_{infty}) congestion control for a class of AQM network systems. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 3105-3112  | 4.8 | 4 |  |
| 31 | Adaptive fuzzy funnel control for nonlinear systems with input deadzone and saturation. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 1542-1555                                       | 2.3 | 3 |  |
| 30 | The finite-time almost disturbance decoupling for nonlinear systems. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 2243-2256  | 2.3 | 3 |  |
| 29 | Modeling of Multivariable Fuzzy Systems by Semitensor Product. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 228-235  | 8.3 | 3 |  |
| 28 | Chebyshev neural network-based attitude-tracking control for rigid spacecraft with finite-time convergence. <i>International Journal of Control</i> , <b>2020</b> , 1-18                                    | 1.5 | 2 |  |
| 27 | Event-Triggered Adaptive Backstepping Control for Strict-Feedback Nonlinear Systems with Zero Dynamics. <i>Complexity</i> , <b>2019</b> , 2019, 1-13  | 1.6 | 2 |  |
| 26 | An adaptive fuzzy sliding mode control for AQM systems 2008,  |     | 2 |  |

| 25 | Adaptive finite-time prescribed performance control for stochastic nonlinear systems with unknown virtual control coefficients. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 3655   | 5                    | 2   |
|----|---|----------------------|-----|
| 24 | Decentralised connectively finite-time control for a class of p-normal form nonlinear large-scale systems with expanding construction and its application. <i>International Journal of Control</i> , <b>2021</b> , 94, 158              | 8 <sup>-1</sup> 1-61 | 0 2 |
| 23 | Composite adaptive fuzzy decentralized tracking control for pure-feedback interconnected large-scale nonlinear systems. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 8735   | 4.8                  | 2   |
| 22 | Almost Disturbance Decoupling for HOFA Nonlinear Systems with Strict-Feedback Form. <i>Journal of Systems Science and Complexity</i> , <b>2022</b> , 35, 481-501  | 1                    | 2   |
| 21 | Adaptive fuzzy finite-time fault-tolerant funnel control of nonlinear systems with actuators failures. <i>Advances in Mechanical Engineering</i> , <b>2019</b> , 11, 168781401984546  | 1.2                  | 1   |
| 20 | Congestion Tracking Control for Wireless TCP/AQM Network Based on Adaptive Integral Backstepping. <i>International Journal of Control, Automation and Systems</i> , <b>2020</b> , 18, 2289-2296   | 2.9                  | 1   |
| 19 | Decentralized Finite-TimeHfonnective Control for a Class of Large-Scale Systems with Different Structural Forms. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-11   | 1.1                  | 1   |
| 18 | Fuzzy Adaptive Backstepping Control of a Two Degree of Freedom Parallel Robot. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 601-610   | 0.9                  | 1   |
| 17 | Output regulation of nonaffine nonlinear systems using singular perturbation theory. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 181-184   |                      | 1   |
| 16 | A global canonical form for nonlinear singular control systems. <i>International Journal of Systems, Control and Communications</i> , <b>2008</b> , 1, 82   | 0.5                  | 1   |
| 15 | Adaptive Fuzzy Control of an Active Vibration Isolator. Lecture Notes in Computer Science, 2011, 552-56   | <b>2</b> 0.9         | 1   |
| 14 | Observer-Based Adaptive Fuzzy Tracking Control for a Class of Strict-Feedback Systems with Event-Triggered Strategy and Tan-type Barrier Lyapunov Function. <i>International Journal of Fuzzy Systems</i> , <b>2020</b> , 22, 2534-2545 | 3.6                  | 1   |
| 13 | Adaptive Fuzzy Fast Finite-Time Tracking Control for Nonlinear Systems in Pure-Feedback Form with Unknown Disturbance. <i>Complexity</i> , <b>2020</b> , 2020, 1-11   | 1.6                  | 1   |
| 12 | Prescribed performance control with a standard second-order transient response for strict feedback affine nonlinear systems. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 2677-2688                              | 2.3                  | 1   |
| 11 | An adaptive fault-tolerant control scheme for a class of fractional-order systems with unknown input dead-zones. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 291-306  | 2.3                  | 1   |
| 10 | Adaptive Fuzzy Cooperative Control for Nonlinear Multiagent Systems with Unknown Control Coefficient and Actuator Fault. <i>Complexity</i> , <b>2021</b> , 2021, 1-11   | 1.6                  | 1   |
| 9  | Decentralized finite-time connective tracking control with prescribed settling time for p-normal form stochastic large-scale systems. <i>Applied Mathematics and Computation</i> , <b>2022</b> , 412, 126581                            | 2.7                  | 1   |
| 8  | Super twisting sliding mode network congestion control based on disturbance observer. <i>Neural Computing and Applications</i> ,1   | 4.8                  | O   |

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| 7 | Adaptive tracking control for stochastic nonlinear systems with unknown virtual control coefficients. <i>International Journal of Robust and Nonlinear Control</i> , <b>2022</b> , 32, 1331              | 3.6 | О |
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| 6 | Event-triggered adaptive finite-time prescribed performance tracking control for uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 8449-8468 | 3.6 | O |
| 5 | Pole placement method on a class of nonlinear systems with adaptive backstepping technique. <i>International Journal of Systems Science</i> ,1-21  | 2.3 | O |
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