

# Ali Saberi

## List of Publications by Year in descending order

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Version: 2024-02-01

180  
papers

2,463  
citations

279701

23  
h-index

265120

42  
g-index

180  
all docs

180  
docs citations

180  
times ranked

1032  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Output synchronization for heterogeneous networks of non-introspective agents. Automatica, 2012, 48, 2444-2453.   | 3.0 | 225       |
| 2  | A semi-global low-gain and high gain design technique for linear systems with input saturation stabilization and disturbance rejection. International Journal of Robust and Nonlinear Control, 1995, 5, 381-398.              | 2.1 | 135       |
| 3  | Constructing consensus controllers for networks with identical general linear agents. International Journal of Robust and Nonlinear Control, 2011, 21, 1237-1256.   | 2.1 | 129       |
| 4  | Consensus in the network with uniform constant communication delay. Automatica, 2013, 49, 2461-2467.  | 3.0 | 112       |
| 5  | Fundamental problems in fault detection and identification. International Journal of Robust and Nonlinear Control, 2000, 10, 1209-1236.   | 2.1 | 106       |
| 6  | Output synchronization for heterogeneous networks of introspective right-invertible agents. International Journal of Robust and Nonlinear Control, 2014, 24, 1821-1844.   | 2.1 | 93        |
| 7  | Synchronization in networks of minimum-phase, non-introspective agents without exchange of controller states: Homogeneous, heterogeneous, and nonlinear. Automatica, 2015, 54, 246-255.                                       | 3.0 | 72        |
| 8  | Almost output synchronization for heterogeneous networks of introspective agents under external disturbances. Automatica, 2014, 50, 1026-1036.  | 3.0 | 64        |
| 9  | Semi-global regulation of output synchronization for heterogeneous networks of non-introspective, invertible agents subject to actuator saturation. International Journal of Robust and Nonlinear Control, 2014, 24, 548-566. | 2.1 | 59        |
| 10 | Output regulation of linear plants with actuators subject to amplitude and rate constraints. International Journal of Robust and Nonlinear Control, 1999, 9, 631-657.   | 2.1 | 56        |
| 11 | Nonlinear observer for GNSS-aided inertial navigation with quaternion-based attitude estimation. , 2013, , .  |     | 46        |
| 12 | Internal and External Stabilization of Linear Systems with Constraints. Systems and Control: Foundations and Applications, 2012, , .  | 0.1 | 43        |
| 13 | On optimal output regulation for linear systems. International Journal of Control, 2003, 76, 319-333.   | 1.2 | 41        |
| 14 | A control-theoretic perspective on the design of distributed agreement protocols. International Journal of Robust and Nonlinear Control, 2007, 17, 1034-1066.   | 2.1 | 37        |
| 15 | Output regulation for linear discrete-time systems subject to input saturation. International Journal of Robust and Nonlinear Control, 1997, 7, 1003-1021.  | 2.1 | 36        |
| 16 | Exact, almost and delayed fault detection: an observer based approach. International Journal of Robust and Nonlinear Control, 1999, 9, 215-238.   | 2.1 | 34        |
| 17 | Homogeneous networks of non-introspective agents under external disturbances - almost synchronization. Automatica, 2015, 52, 363-372.   | 3.0 | 33        |
| 18 | A nonlinear observer for integration of GNSS and IMU measurements with gyro bias estimation. , 2012, , .  |     | 32        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | State synchronization of multi-agent systems via static or adaptive nonlinear dynamic protocols. <i>Automatica</i> , 2018, 95, 316-327.  | 3.0 | 32        |
| 20 | On the $L_p$ stabilization of open-loop neutrally stable linear plants with input subject to amplitude saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2003, 13, 735-754.                 | 2.1 | 31        |
| 21 | $\mathcal{H}_\infty$ Almost Output Synchronization for Heterogeneous Networks Without Exchange of Controller States. <i>IEEE Transactions on Control of Network Systems</i> , 2015, 2, 348-357.                      | 2.4 | 31        |
| 22 | Low-and-high gain design technique for linear systems subject to input saturation â€”a direct method. <i>International Journal of Robust and Nonlinear Control</i> , 1997, 7, 1071-1101.                             | 2.1 | 30        |
| 23 | Network design problems for controlling virus spread. , 2007, , .  |     | 29        |
| 24 | Full and reduced-order observer-based controller design for $H_2$ -optimization. <i>International Journal of Control</i> , 1993, 58, 803-834.  | 1.2 | 27        |
| 25 | On the existence of virtual exosystems for synchronized linear networks. <i>Automatica</i> , 2013, 49, 3145-3148.  | 3.0 | 26        |
| 26 | Synchronization in a network of identical discrete-time agents with uniform constant communication delay. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 3076-3091.                        | 2.1 | 25        |
| 27 | On time-scale designs for networks. <i>International Journal of Control</i> , 2009, 82, 1313-1325.   | 1.2 | 23        |
| 28 | Stabilization of Multiple-Input Multiple-Output Linear Systems With Saturated Outputs \$ \$. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 2160-2164.  | 3.6 | 22        |
| 29 | Stabilization of linear system with input saturation and unknown constant delays. <i>Automatica</i> , 2013, 49, 3632-3640.   | 3.0 | 22        |
| 30 | Synchronization in a network of identical continuous-time or discrete-time agents with unknown nonuniform constant input delay. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3959-3973.  | 2.1 | 22        |
| 31 | Passivity based state synchronization of homogeneous discrete-time multi-agent systems via static protocol in the presence of input delay. <i>European Journal of Control</i> , 2018, 41, 16-24.                     | 1.6 | 21        |
| 32 | Dynamic behavior of the discrete-time double integrator with saturated locally stabilizing linear state feedback laws. <i>International Journal of Robust and Nonlinear Control</i> , 2013, 23, 1899-1931.           | 2.1 | 20        |
| 33 | Passivity-based state synchronization of homogeneous multiagent systems via static protocol in the presence of input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 2720-2741. | 2.1 | 20        |
| 34 | Output consensus for networks of non-identical introspective agents. , 2011, , .   |     | 19        |
| 35 | A non-recursive method for solving the general discrete-time riccati equations related to the $H_\infty$ control problem. <i>International Journal of Robust and Nonlinear Control</i> , 1994, 4, 503-519.           | 2.1 | 18        |
| 36 | The discrete-time $H_\infty$ control problem with measurement feedback. <i>International Journal of Robust and Nonlinear Control</i> , 1994, 4, 457-479.   | 2.1 | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | The Design of Multi-Lead-Compensators for Stabilization and Pole Placement in Double-Integrator Networks. IEEE Transactions on Automatic Control, 2010, 55, 2870-2875.                                    | 3.6 | 17        |
| 38 | Structural decomposition of linear multivariable systems using symbolic computations. International Journal of Control, 2010, 83, 1414-1426.  | 1.2 | 17        |
| 39 | Synchronization in heterogeneous networks of discrete-time introspective invertible agents. International Journal of Robust and Nonlinear Control, 2014, 24, 3255-3281.                                   | 2.1 | 17        |
| 40 | Necessary and sufficient conditions under which an $H_2$ optimal control problem has a unique solution. International Journal of Control, 1993, 58, 337-348.  | 1.2 | 16        |
| 41 | An improvement to the low gain design for discrete-time linear systems in the presence of actuator saturation nonlinearity. International Journal of Robust and Nonlinear Control, 2000, 10, 117-135.     | 2.1 | 16        |
| 42 | $\frac{H}{H^*}$ almost state synchronization for homogeneous networks of non-introspective agents: A scale-free protocol design. Automatica, 2020, 122, 109276.   | 3.0 | 16        |
| 43 | Semi-global stabilization of minimum phase nonlinear systems in special normal form via linear high and low gain state feedback. International Journal of Robust and Nonlinear Control, 1994, 4, 353-362. | 2.1 | 14        |
| 44 | Inverse filtering and deconvolution. International Journal of Robust and Nonlinear Control, 2001, 11, 131-156.  | 2.1 | 14        |
| 45 | On external semi-global stochastic stabilization of linear systems with input saturation. Proceedings of the American Control Conference, 2007, , .   | 0.0 | 14        |
| 46 | A non-iterative method for computing the infimum in $H^\infty$ -optimization. International Journal of Control, 1992, 56, 1399-1418.  | 1.2 | 13        |
| 47 | On output regulation for linear systems. International Journal of Control, 2001, 74, 783-810.   | 1.2 | 13        |
| 48 | On the structure of graph edge designs that optimize the algebraic connectivity. , 2008, , .  |     | 13        |
| 49 | Consensus for multi-agent systems &#x2014; Synchronization and regulation for complex networks. , 2011, , .   |     | 13        |
| 50 | Synchronization for a network of identical discrete-time agents with unknown, nonuniform constant input delay. , 2015, , .  |     | 13        |
| 51 | Stabilization of a Class of Sandwich Systems Via State Feedback \$ \$. IEEE Transactions on Automatic Control, 2010, 55, 2156-2160.   | 3.6 | 12        |
| 52 | Control of a chain of integrators subject to actuator saturation and disturbances. International Journal of Robust and Nonlinear Control, 2012, 22, 1562-1570.  | 2.1 | 12        |
| 53 | Control of open-loop neutrally stable systems subject to actuator saturation and external disturbances. International Journal of Robust and Nonlinear Control, 2013, 23, 229-240.                         | 2.1 | 12        |
| 54 | Solvability conditions and design for synchronization of discrete-time multiagent systems. International Journal of Robust and Nonlinear Control, 2018, 28, 1381-1401.                                    | 2.1 | 12        |

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|----|---|-----|-----------|
| 55 | Simultaneous global external and internal stabilization of linear time-invariant discrete-time systems subject to actuator saturation. <i>Automatica</i> , 2012, 48, 699-711.   | 3.0 | 11        |
| 56 | Global regulated state synchronization for homogeneous networks of non-introspective agents in presence of input saturation: Scale-free nonlinear and linear protocol designs. <i>Automatica</i> , 2020, 119, 109041. | 3.0 | 11        |
| 57 | Closed-form solutions to a class of $H^{\infty}$ -optimization problems. <i>International Journal of Control</i> , 1994, 60, 41-70.   | 1.2 | 10        |
| 58 | Output regulation of discrete-time linear plants subject to state and input constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2003, 13, 691-713.  | 2.1 | 10        |
| 59 | Semi-global stabilization of linear systems subject to non-right invertible constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2004, 14, 1087-1103.  | 2.1 | 10        |
| 60 | Synchronization in an homogeneous, time-varying network with nonuniform time-varying communication delays. , 2016, , .  |     | 10        |
| 61 | Solvability conditions and design for state synchronization of multi-agent systems. <i>Automatica</i> , 2017, 84, 43-47.  | 3.0 | 10        |
| 62 | Toward a Control Theory for Networks. <i>International Journal of Robust and Nonlinear Control</i> , 2007, 17, 897-897.   | 2.1 | 9         |
| 63 | Synchronization in networks of weakly-non-minimum-phase, non-introspective agents without exchange of controller states. , 2014, , .  |     | 9         |
| 64 | Almost regulated output synchronization for heterogeneous time-varying networks of non-introspective agents and without exchange of controller states. , 2015, , .  |     | 9         |
| 65 | $H_2$ and $H^{\infty}$ almost disturbance decoupling problem with internal stability. <i>International Journal of Robust and Nonlinear Control</i> , 1996, 6, 789-803.  | 2.1 | 8         |
| 66 | Explicit precompensator design for invariant-zero cancellation. <i>International Journal of Control</i> , 2009, 82, 808-811.  | 1.2 | 8         |
| 67 | Semi-global state synchronization for discrete-time multi-agent systems subject to actuator saturation and unknown nonuniform input delay. <i>European Journal of Control</i> , 2020, 54, 12-21.                      | 1.6 | 8         |
| 68 | Output and Regulated Output Synchronization of Heterogeneous Multi-agent Systems: A Scale-free Protocol Design using no Information about Communication Network and the Number of Agents. , 2020, , .                 |     | 8         |
| 69 | Semi-Global State Synchronization for Multi-Agent Systems Subject to Actuator Saturation and Unknown Nonuniform Input Delay. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 488-497.          | 4.1 | 8         |
| 70 | Regulated State Synchronization of Homogeneous Discrete-Time Multi-Agent Systems via Partial State Coupling in Presence of Unknown Communication Delays. <i>IEEE Access</i> , 2019, 7, 7021-7031.                     | 2.6 | 8         |
| 71 | Constrained stabilization problems for discrete-time linear plants. <i>International Journal of Robust and Nonlinear Control</i> , 2004, 14, 435-461.   | 2.1 | 7         |
| 72 | Stabilization of nonlinear sandwich systems via state feedback”Discrete-time systems. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 21, 1841-1864.   | 2.1 | 7         |

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|----|--|-----|-----------|
| 73 | Decentralized control for output synchronization in heterogeneous networks of non-introspective agents. , 2012, , .  |     | 7         |
| 74 | Synchronization for heterogeneous networks of weakly-non-minimum-phase, non-introspective agents without exchange of controller states. , 2016, , .  |     | 7         |
| 75 | Semiglobal state synchronization for continuous&#x2013;or discrete&#x2013;time multiagent systems subject to actuator saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 4966-4980.  | 2.1 | 7         |
| 76 | Scale-Free Cooperative Control of Inverter-Based Microgrids With General Time-Varying Communication Graphs. IEEE Transactions on Power Systems, 2022, 37, 2197-2207.   | 4.6 | 7         |
| 77 | Synchronization of Multi-Agent Systems in the Presence of Disturbances and Delays. Systems and Control: Foundations and Applications, 2022, , .  | 0.1 | 7         |
| 78 | The design of multi-lead-compensators for stabilization and pole placement in double-integrator networks under saturation. , 2009, , .   |     | 6         |
| 79 | Discrete&#x2013;time $H_2$ and $H_\infty$ low&#x2013;gain theory. International Journal of Robust and Nonlinear Control, 2012, 22, 743-762.  | 2.1 | 6         |
| 80 | High&#x2013;gain observer design for multi&#x2013;output systems: Transformation to a canonical form by dynamic output shaping. International Journal of Robust and Nonlinear Control, 2014, 24, 1016-1042.  | 2.1 | 6         |
| 81 | Stabilization of Discrete-Time Linear Systems Subject to Input Saturation and Multiple Unknown Constant Delays. IEEE Transactions on Automatic Control, 2014, 59, 1667-1672.   | 3.6 | 6         |
| 82 | Synchronization in time-varying networks of non-introspective agents without exchange of controller states. , 2014, , .  |     | 6         |
| 83 | Necessary and Sufficient Conditions for Global External Stochastic Stabilization of Linear Systems With Input Saturation. IEEE Transactions on Automatic Control, 2016, 61, 1368-1372.   | 3.6 | 6         |
| 84 | $H_2$ and $H_\infty$ almost output synchronization of heterogeneous continuous&#x2013;time multi&#x2013;agent systems with passive agents and partial&#x2013;state coupling via static protocol. International Journal of Robust and Nonlinear Control, 2019, 29, 6244-6255. | 2.1 | 6         |
| 85 | On multiple-delay static output feedback stabilization of LTI plants. , 2008, , .  |     | 5         |
| 86 | State and parameter estimation for linear systems with nonlinearly parameterized perturbations. , 2009, , .  |     | 5         |
| 87 | Designing linear distributed algorithms with memory for fast convergence. International Journal of Robust and Nonlinear Control, 2012, 22, 1691-1702.  | 2.1 | 5         |
| 88 | Output synchronization for heterogeneous networks of discrete-time introspective right-invertible agents with uniform constant communication delay. , 2013, , .  |     | 5         |
| 89 | &#x210B;&#x221E;&#x210B; almost synchronization for homogeneous networks of non-introspective SISO agents under external disturbances. , 2013, , .   |     | 5         |
| 90 | Consensus in the network with nonuniform constant input delay. , 2015, , .   |     | 5         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Stochastic almost regulated output synchronization for heterogeneous time-varying networks with non-introspective agents and without exchange of controller states. , 2015, , .  |     | 5         |
| 92  | Synchronization for heterogeneous time-varying networks with non-introspective, non-minimum-phase agents in the presence of external disturbances with known frequencies. , 2016, , .  |     | 5         |
| 93  | Almost output synchronization for heterogeneous time-varying networks for a class of non-introspective, nonlinear agents without exchange of controller states. International Journal of Robust and Nonlinear Control, 2016, 26, 3883-3899.    | 2.1 | 5         |
| 94  | Squared-down passivity-based state synchronization of homogeneous continuous-time multiagent systems via static protocol in the presence of time-varying topology. International Journal of Robust and Nonlinear Control, 2019, 29, 3821-3840. | 2.1 | 5         |
| 95  | Output regulation of linear plants subject to constraints. International Journal of Control, 2003, 76, 149-164.  | 1.2 | 4         |
| 96  | Computation of the recoverable region and stabilisation problem in the recoverable region for discrete-time systems. International Journal of Control, 2009, 82, 1870-1881.  | 1.2 | 4         |
| 97  | Semi-global stabilization of discrete-time systems subject to non-right invertible constraints. International Journal of Robust and Nonlinear Control, 2010, 20, 1234-1254.  | 2.1 | 4         |
| 98  | On multiple-delay output feedback stabilization of LTI plants. International Journal of Robust and Nonlinear Control, 2010, 20, 1299-1305.   | 2.1 | 4         |
| 99  | Decentralized control of discrete-time linear time invariant systems with input saturation. International Journal of Robust and Nonlinear Control, 2010, 20, 1353-1362.  | 2.1 | 4         |
| 100 | Stabilization of sandwich non-linear systems with low-and-high gain feedback design. , 2010, , .   |     | 4         |
| 101 | A pre- + post- + feedforward compensator design for zero placement. International Journal of Control, 2010, 83, 1839-1843.   | 1.2 | 4         |
| 102 | Control of linear systems with input saturation and matched uncertainty and disturbance. , 2011, , .   |     | 4         |
| 103 | Delayed state synchronization of continuous-time multi-agent systems in the presence of unknown communication delays. , 2019, , .  |     | 4         |
| 104 | Regulated State Synchronization for Homogeneous Networks of Non-introspective Agents in Presence of Input Delays: A Scale-Free Protocol Design. , 2020, , .  |     | 4         |
| 105 | Full and Reduced Order Observer based Controller Design for H <sub>2</sub> -Optimization. , 1992, , .  |     | 3         |
| 106 | Onlp-stabilization of strictly unstable discrete-time linear systems with saturating actuators. International Journal of Robust and Nonlinear Control, 1998, 8, 1227-1236.   | 2.1 | 3         |
| 107 | On time-scale designs for networks. , 2008, , .  |     | 3         |
| 108 | A class of neutral-type delay differential equations that are effectively retarded. , 2009, , .  |     | 3         |

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|-----|--|-----|-----------|
| 109 | Consensus in the network with uniform constant communication delay. , 2012, , .  |     | 3         |
| 110 | A new low-and-high gain feedback design using MPC for global stabilization of linear systems subject to input saturation. , 2012, , .  |     | 3         |
| 111 | Further results on saturated globally stabilizing linear state feedback control laws for single-input neutrally stable planar systems. , 2013, , .   |     | 3         |
| 112 | Regulated output synchronization for heterogeneous time-varying networks with non-introspective agents in presence of disturbance and measurement noise with known frequencies. , 2015, , .  |     | 3         |
| 113 | Delayed state synchronization of homogeneous discrete-time multi-agent systems in the presence of unknown communication delays. , 2019, , .  |     | 3         |
| 114 | Loop transfer recovery for general nonminimum phase discrete time systems - part 1: analysis. , 1992, , .  |     | 3         |
| 115 | Synchronization in a heterogeneous network of discrete-time introspective right-invertible agents. , 2013, , .   |     | 3         |
| 116 | Scale-Free collaborative protocols for global regulated state synchronization of discrete-time homogeneous networks of non-introspective agents in presence of input saturation. International Journal of Robust and Nonlinear Control, 2022, 32, 5247-5267. | 2.1 | 3         |
| 117 | Scale-Free Collaborative Protocol Design for Output Synchronization of Heterogeneous Multi-Agent Systems With Nonuniform Communication Delays. IEEE Transactions on Network Science and Engineering, 2022, 9, 2882-2894.                                     | 4.1 | 3         |
| 118 | Majorizations for the dominant eigenvector of a nonnegative matrix. , 2008, , .  |     | 2         |
| 119 | Stabilization of a class of sandwich nonlinear systems via state feedback. , 2009, , .   |     | 2         |
| 120 | An alternative approach to designing stabilizing compensators for saturating linear time-invariant plants. International Journal of Robust and Nonlinear Control, 2010, 20, 1520-1528.   | 2.1 | 2         |
| 121 | Semiglobal stabilization of sandwich systems by dynamic output feedback. , 2010, , .   |     | 2         |
| 122 | High-gain observer design for domination of nonlinear perturbations: Transformation to a canonical form by dynamic output shaping. , 2010, , .   |     | 2         |
| 123 | Control of linear systems with input saturation and non-input-additive sustained disturbances &#x2014; Continuous-time systems. , 2012, , .  |     | 2         |
| 124 | Semi-global regulation of output synchronization for heterogeneous networks of non-introspective, invertible agents subject to actuator saturation. , 2012, , .  |     | 2         |
| 125 | Majorisations for the eigenvectors of graph-adjacency matrices. International Journal of Control, 2014, 87, 2604-2614.   | 1.2 | 2         |
| 126 | State synchronization of homogeneous continuous-time multi-agent systems with time-varying communication topology in presence of input delay. , 2017, , .  |     | 2         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | Squared-down passivity based $H^\infty$ almost synchronization of homogeneous continuous-time multi-agent systems with partial-state coupling via static protocol. , 2018, , .   |     | 2         |
| 128 | Global and Semi-global Regulated State Synchronization for Homogeneous Networks of Non-introspective Agents in Presence of Input Saturation- A Scale-free Protocol Design. , 2019, , .                                 |     | 2         |
| 129 | Semi-global state synchronization for multi-agent systems subject to actuator saturation and unknown nonuniform input delay. , 2020, , .   |     | 2         |
| 130 | Loop transfer recovery for general nonminimum phase discrete time systems - part 2: design. , 1992, , .  |     | 2         |
| 131 | Semi-Global Stabilization of Partially Linear Composite Systems via Linear High-and-Low-Gain State Feedback. , 1993, , .   |     | 2         |
| 132 | $H^\infty$ and $H_2$ almost output and regulated output synchronization of heterogeneous multi-agent systems: A scale-free protocol design. Journal of the Franklin Institute, 2021, 358, 9841-9841.                   | 1.9 | 2         |
| 133 | Scale-free Linear Observer-based Protocol Design for Global Regulated State Synchronization of Homogeneous Multi-agent Systems with Non-introspective Agents Subject to Input Saturation. , 2020, , .                  |     | 2         |
| 134 | Regulated State Synchronization for Discrete-time Homogeneous Networks of Non-introspective Agents in Presence of Unknown Non-uniform Input Delays: A Scale-free Protocol Design. , 2020, , .                          |     | 2         |
| 135 | Analysis, design, and performance limitations of $H^\infty$ optimal filtering in the presence of an additional input with known frequency. International Journal of Robust and Nonlinear Control, 2007, 17, 1474-1488. | 2.1 | 1         |
| 136 | On external semi-global stochastic stabilization of a double integrator with input saturation. , 2008, , .   |     | 1         |
| 137 | Decentralized control of discrete-time linear time invariant systems with input saturation. , 2009, , .  |     | 1         |
| 138 | Observer design in the presence of periodic output disturbances by mixing of past and present output data. , 2009, , .   |     | 1         |
| 139 | A pre- + post- + feedforward compensator design for zero placement. , 2010, , .  |     | 1         |
| 140 | $H^\infty$ and $H_2$ and $H^\infty$ and $H_2$ low-gain theory. , 2011, , .   |     | 1         |
| 141 | Remarks on the relationship between $H^\infty$ stability and internal stability of nonlinear systems. , 2011, , .  |     | 1         |
| 142 | Consensus in the network with uniform constant communication delay. , 2012, , .  |     | 1         |
| 143 | Synchronization for homogeneous networks of non-introspective, non-right-invertible, discrete-time agents with uniform constant communication delay. , 2013, , .   |     | 1         |
| 144 | State synchronization in the presence of unknown, nonuniform and arbitrary large communication delays. , 2016, , .   |     | 1         |

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|-----|---|-----|-----------|
| 145 | State synchronization of linear and nonlinear agents in time-varying networks. International Journal of Robust and Nonlinear Control, 2017, 27, 3758-3776.  | 2.1 | 1         |
| 146 | Solvability conditions and design for state synchronization of multi-agent systems. , 2017, , .   |     | 1         |
| 147 | Passivity based delayed state synchronization of discrete-time multi-agent systems in presence of unknown communication delays. , 2018, , .   |     | 1         |
| 148 | Scale-free protocol design for delayed regulated synchronization of multi-agent systems subject to unknown, nonuniform, and arbitrarily large communication delays. International Journal of Robust and Nonlinear Control, 2021, 31, 6369-6391. | 2.1 | 1         |
| 149 | Scale-free Design for Delayed Regulated Synchronization of Discrete-time Heterogeneous Multi-agent Systems subject to Unknown Non-uniform and Arbitrarily Large Communication Delays. , 2021, , .   |     | 1         |
| 150 | H2 Almost State Synchronization of Homogeneous Multi-agent Systems – A Scale-free Design. , 2021, , .   |     | 1         |
| 151 | Scale-free Protocol Design for $H^\infty$ Almost Output and Regulated Output Synchronization of Heterogeneous Multi-agent Systems. , 2021, , .  |     | 1         |
| 152 | On multiple-delay approximations of multiple-derivative controllers. , 2009, , .  |     | 1         |
| 153 | A non-recursive method for solving the general discrete-time riccati equations related to the $H^\infty$ control problem. , 1993, , .   |     | 1         |
| 154 | Scale-free Protocol Design for Output Synchronization of Heterogeneous Multi-agent subject to Unknown, Non-uniform and Arbitrarily Large Input Delays. , 2020, , .  |     | 1         |
| 155 | Non-Iterative Computation of the Infimum in $H^\infty$ -Optimization for Plants with Invariant Zeros on the $j\omega$ Axis. , 1992, , .   |     | 0         |
| 156 | Time varying controllers in discrete-time decentralized control. , 2009, , .  |     | 0         |
| 157 | Designing linear distributed algorithms with memory for fast convergence. , 2009, , .   |     | 0         |
| 158 | On generating sets of binary random variables with specified first- and second- moments. , 2010, , .  |     | 0         |
| 159 | Global stabilization of the discrete-time double integrator using a saturated linear state feedback controller. , 2011, , .   |     | 0         |
| 160 | Simultaneous global external and internal stabilization of linear time-invariant discrete-time systems subject to actuator saturation. , 2011, , .  |     | 0         |
| 161 | Control of linear systems with input saturation and non-input-additive sustained disturbances &#x2014; Discrete-time systems. , 2012, , .   |     | 0         |
| 162 | Remarks on the relationship between stability and internal stability of nonlinear systems. International Journal of Robust and Nonlinear Control, 2013, 23, 1822-1827.  | 2.1 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Stabilization of discrete-time linear systems subject to input saturation and multiple unknown constant delays. , 2013, , .  |     | 0         |
| 164 | Squaring down of general MIMO systems to invertible uniform rank systems via pre and/or post compensators. , 2013, , .   |     | 0         |
| 165 | $\mathcal{H}_2$ almost output synchronization for heterogeneous networks in the presence of external disturbances without exchange of controller states. , 2014, , .   |     | 0         |
| 166 | Solvability condition for synchronization of discrete-time multi-agent systems and design. , 2017, , .   |     | 0         |
| 167 | $\mathcal{H}_2$ and $\mathcal{H}_\infty$ almost state synchronization with full-state coupling for homogeneous multi-agent systems. , 2017, , .  |     | 0         |
| 168 | Passivity based state synchronization of homogeneous discrete-time multi-agent systems via static protocol in presence of input delay. , 2018, , .   |     | 0         |
| 169 | Leaderless state synchronization of homogeneous multi-agent systems via a universal adaptive nonlinear dynamic protocol. , 2018, , .   |     | 0         |
| 170 | Passivity based state synchronization of multi-agent systems via static or adaptive nonlinear dynamic protocols. , 2018, , .   |     | 0         |
| 171 | Semi-global state synchronization for continuous or discrete-time multi-agent systems subject to actuator saturation. , 2018, , .  |     | 0         |
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