

# Zhang Ren

## List of Publications by Year in descending order

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196  
papers

3,593  
citations

126708

33  
h-index

143772

57  
g-index

197  
all docs

197  
docs citations

197  
times ranked

1822  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Practical Output Containment of Heterogeneous Nonlinear Multiagent Systems Under External Disturbances. IEEE Transactions on Cybernetics, 2023, 53, 5191-5201.  | 6.2 | 12        |
| 2  | Consensus of Stochastic Dynamical Multiagent Systems in Directed Networks via PI Protocols. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6417-6428.                                   | 7.2 | 1         |
| 3  | Time-Varying Group Formation-Containment Tracking Control for General Linear Multiagent Systems With Unknown Inputs. IEEE Transactions on Cybernetics, 2022, 52, 11055-11067.                                 | 6.2 | 22        |
| 4  | Task coupling based layered cooperative guidance: Theories and applications. Control Engineering Practice, 2022, 121, 105050.   | 3.2 | 8         |
| 5  | Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and unknown input. International Journal of Robust and Nonlinear Control, 2022, 32, 1925-1940. | 2.1 | 10        |
| 6  | Distributed Nash Equilibrium Seeking of $N$ -Coalition Noncooperative Games With Application to UAV Swarms. IEEE Transactions on Network Science and Engineering, 2022, 9, 2392-2405.                         | 4.1 | 11        |
| 7  | Adaptive Practical Optimal Time-Varying Formation Tracking Control for Disturbed High-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2567-2578.            | 3.5 | 56        |
| 8  | Finite-Time Distributed Leaderless Cooperative Guidance Law for Maneuvering Targets under Directed Topology without Numerical Singularities. Aerospace, 2022, 9, 157.   | 1.1 | 1         |
| 9  | Snake-Hot-Eye-Assisted Multi-Process-Fusion Target Tracking Based on a Roll-Pitch Semi-strapdown Infrared Imaging Seeker. Journal of Bionic Engineering, 2022, 19, 1124-1139.                                 | 2.7 | 5         |
| 10 | Indoor Localization for Quadrotors using Invisible Projected Tags. , 2022, , .  |     | 0         |
| 11 | Robust time-varying output formation tracking for heterogeneous multi-agent systems with adaptive event-triggered mechanism. Journal of the Franklin Institute, 2022, 359, 5842-5864.                         | 1.9 | 8         |
| 12 | Distributed finite time cubature information filtering with unknown correlated measurement noises. ISA Transactions, 2021, 112, 35-55.  | 3.1 | 9         |
| 13 | Fully Adaptive Practical Time-Varying Output Formation Tracking for High-Order Nonlinear Stochastic Multiagent System With Multiple Leaders. IEEE Transactions on Cybernetics, 2021, 51, 2265-2277.           | 6.2 | 53        |
| 14 | Distributed time-varying formation control with uncertainties based on an event-triggered mechanism. Science China Information Sciences, 2021, 64, 1.   | 2.7 | 7         |
| 15 | Time-varying group formation-tracking control for general linear multi-agent systems with switching topologies and time-varying delays. , 2021, , .   |     | 0         |
| 16 | Distributed sliding mode control for time-varying formation tracking of multi-UAV system with a dynamic leader. Aerospace Science and Technology, 2021, 111, 106549.  | 2.5 | 65        |
| 17 | Robust multi-agent differential games with application to cooperative guidance. Aerospace Science and Technology, 2021, 111, 106568.  | 2.5 | 23        |
| 18 | Predefined formation-containment control of high-order multi-agent systems under communication delays and switching topologies. IET Control Theory and Applications, 2021, 15, 1661-1672.                     | 1.2 | 12        |

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|----|---|-----|-----------|
| 19 | Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3436-3448.                              | 3.5 | 20        |
| 20 | Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. Aerospace Science and Technology, 2021, 117, 106925.   | 2.5 | 21        |
| 21 | Finite-time adaptive cooperative guidance for multiple missiles. , 2021, , .  |     | 1         |
| 22 | Battlefield Situation Deduction and Maneuver Decision Using Deep Q-Learning. , 2021, , .  |     | 0         |
| 23 | Weapon target assignment strategy for multi-missile cooperative guidance with auction algorithm. , 2021, , .  |     | 2         |
| 24 | Penetration Trajectory Optimization of Hypersonic Gliding Vehicles with Multiple Constraints. , 2021, , .   |     | 1         |
| 25 | Distributed Nash equilibrium seeking for non-cooperative convex games with local constraints. , 2021, , .   |     | 0         |
| 26 | Multi-sensor Measurement Information Fusion for Maneuvering Target Recognition and Tracking. , 2021, , .  |     | 0         |
| 27 | Cooperative guidance strategy with a leader-follower structure. , 2021, , .   |     | 0         |
| 28 | Time-varying group formation-tracking control for heterogeneous multi-agent systems with switching topologies and time-varying delays. , 2021, , .  |     | 1         |
| 29 | Data-Based Output Formation Tracking Control for Heterogeneous Multi-Agent Systems. , 2021, , .   |     | 1         |
| 30 | Observer based Control for Load Transportation System Using Multiple Quadrotors. , 2021, , .  |     | 2         |
| 31 | Cooperative Entry Trajectory Planning for Multiple Hypersonic Gliding Vehicles Using Convex Programming Method. , 2021, , .   |     | 0         |
| 32 | Privacy-Preserving Adaptive Consensus based Cubature Kalman Filter for Distributed Sensor Networks. , 2021, , .   |     | 0         |
| 33 | Distributed Formation Flight for Fixed-Wing UAVs Based on Cooperative Moving Path Following under Wind Disturbances. , 2021, , .  |     | 1         |
| 34 | Time-varying output formation-tracking of heterogeneous multi-agent systems with time-varying delays and switching topologies. Measurement and Control, 2021, 54, 1371-1382.  | 0.9 | 0         |
| 35 | Adaptive fault-tolerant time-varying formation tracking for multi-agent systems under actuator failure and input saturation. ISA Transactions, 2020, 104, 145-153.  | 3.1 | 51        |
| 36 | Robust $\mathcal{H}_\infty$ Guaranteed Cost Time-Varying Formation Tracking for High-Order Multiagent Systems With Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1465-1475. | 5.9 | 55        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with input saturation. <i>ISA Transactions</i> , 2020, 98, 63-74.   | 3.1 | 24        |
| 38 | Predefined containment control for general linear multiagent systems with time-varying delays and switching topologies. <i>Advanced Control for Applications</i> , 2020, 2, e26.  | 0.8 | 1         |
| 39 | Finite-time time-varying group formation tracking for second-order multiagent systems by continuous integral sliding mode. , 2020, , .  |     | 2         |
| 40 | Time-varying group formation tracking control for second-order multi-agent systems with communication delays and multiple leaders. <i>Journal of the Franklin Institute</i> , 2020, 357, 9761-9780.   | 1.9 | 27        |
| 41 | Time-varying formation of second-order discrete-time multi-agent systems under nonuniform communication delays and switching topology with application to UAV formation flying. <i>IET Control Theory and Applications</i> , 2020, 14, 1947-1956. | 1.2 | 27        |
| 42 | Finite-time time-varying formation tracking for second-order multi-agent systems with a leader of fully unknown input. , 2020, , .  |     | 3         |
| 43 | Distributed adaptive finite-time time-varying group formation tracking for high-order multi-agent systems with directed topologies. , 2020, , .   |     | 0         |
| 44 | A Scale Adaptive Kernel Correlation Filter-Based Tracker with Optimized Update Strategy. , 2020, , .  |     | 0         |
| 45 | Leader-Following Consensus of Stochastic Dynamical Multi-Agent Systems Under PI Control. , 2020, , .  |     | 0         |
| 46 | Formation-containment control for general linear multi-agent systems with time-varying delays and switching topologies. , 2020, , .   |     | 2         |
| 47 | Multiple Tactical Missiles Cooperative Attack With Formation-Containment Tracking Requirement Along the Planned Trajectory. <i>IEEE Access</i> , 2020, 8, 87929-87946.  | 2.6 | 2         |
| 48 | Impact Angle Constrained Distributed Cooperative Guidance Against Maneuvering Targets With Undirected Communication Topologies. <i>IEEE Access</i> , 2020, 8, 117867-117876.  | 2.6 | 5         |
| 49 | Distributed adaptive formation tracking for heterogeneous multiagent systems with multiple nonidentical leaders and without well-informed follower. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2131-2151.           | 2.1 | 18        |
| 50 | Adaptive Distributed State and Input Estimation Using Retrospective-Cost-Based Information Filter. , 2020, , .  |     | 0         |
| 51 | Predefined Finite-time Output Containment of Nonlinear Multi-Agent Systems with Undirected Topology. , 2020, , .  |     | 1         |
| 52 | Time-varying formation tracking control for high-order multi-agent systems with switching directed topologies and unknown control input. , 2020, , .  |     | 1         |
| 53 | Finite-Time Time-Varying Group Formation Tracking for High-Order Multi-Agent Systems with Mismatched Disturbances under Directed Graphs. , 2020, , .  |     | 0         |
| 54 | Fault-Tolerant Control for Carrier Rocket Actuator Based on Adaptive Control with Constraints. , 2020, , .  |     | 0         |

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|----|---|-----|-----------|
| 55 | Event-Triggered Time-Varying Formation Control for Discrete-Time Multi-Agent Systems with Communication Delays. , 2020, , .   |     | 3         |
| 56 | Robust time-varying formation tracking control of underactuated unmanned vessels. , 2020, , .   |     | 1         |
| 57 | Formation tracking control for second-order nonlinear multi-agent system with unknown maneuvering leader. , 2020, , .   |     | 1         |
| 58 | Finite Time Decentralized Cubature Information Filtering with Directed Graph. , 2020, , .   |     | 0         |
| 59 | Observability quantification for linear stochastic system and its application in state estimation. , 2020, , .  |     | 0         |
| 60 | Adaptive formation tracking control for UAV swarm systems with multiple leaders and switching topologies. , 2020, , .   |     | 2         |
| 61 | Multi-target GM-PHD trackers based on strong tracking cubature Kalman filter. , 2020, , .   |     | 1         |
| 62 | A Combined Guidance Law for Intercepting Hypersonic Large Maneuvering Targets. , 2020, , .  |     | 1         |
| 63 | Discrete Sliding Mode Control for Time-varying Formation Tracking of Multi-UAV System with a Dynamic Leader. , 2020, , .  |     | 3         |
| 64 | Distributed Time-Varying Output Formation Control for General Linear Multiagent Systems With Directed Topology. IEEE Transactions on Control of Network Systems, 2019, 6, 609-620.                                    | 2.4 | 44        |
| 65 | On time-varying formation feasibility and reference function of time-delayed linear multiagent systems with switching digraphs. International Journal of Robust and Nonlinear Control, 2019, 29, 4928-4942.           | 2.1 | 8         |
| 66 | Distributed Formation Control for Time-delayed Multi-agent Systems with Double-integrator Dynamics. , 2019, , .   |     | 0         |
| 67 | Time-varying formation feasibility analysis for linear multi-agent systems with time delays and switching graphs. , 2019, , .   |     | 1         |
| 68 | Consensus Based Strong Tracking Adaptive Cubature Kalman Filtering for Nonlinear System Distributed Estimation. IEEE Access, 2019, 7, 98820-98831.  | 2.6 | 12        |
| 69 | Practical time-varying output formation tracking for high-order multi-agent systems with collision avoidance, obstacle dodging and connectivity maintenance. Journal of the Franklin Institute, 2019, 356, 5898-5926. | 1.9 | 27        |
| 70 | Weapon-Target Assignment for Multi-to-Multi Interception With Grouping Constraint. IEEE Access, 2019, 7, 34838-34849.   | 2.6 | 25        |
| 71 | Distributed Adaptive Formation Control for Second-Order Multi-Agent Systems based Event-Triggered Scheme. , 2019, , .   |     | 1         |
| 72 | Practical time-varying output formation tracking for high-order nonlinear strict-feedback multi-agent systems with control gap using adaptive neural networks. , 2019, , .  |     | 0         |

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|----|---|-----|-----------|
| 73 | Practical adaptive time-varying output formation tracking for high-order nonlinear multi-agent systems using neural networks. , 2019, , .   |     | 0         |
| 74 | Time-Varying Formation for Second Order Nonlinear Multi-agent System with Switching Topology and Time Delay. , 2019, , .  |     | 2         |
| 75 | Bipartite Antagonistic Time-Varying Formation Tracking for Multi-agent System. , 2019, , .  |     | 7         |
| 76 | Advanced Intersection over Union Loss for Visual Tracking. , 2019, , .  |     | 4         |
| 77 | Generation method for strict entry corridor of hypersonic gliding vehicles. , 2019, , .   |     | 0         |
| 78 | Fault Diagnosis of Carrier Rocket Actuator Based on Multiple-Model Method. , 2019, , .  |     | 3         |
| 79 | Integrated Fault-Tolerant Flight Control System with Actuator Amplitude Saturation. , 2019, , .   |     | 2         |
| 80 | Integrated Strategy for Fault-Tolerant Flight Control System Design with Rate Saturating Actuators. , 2019, , .   |     | 3         |
| 81 | Adaptive finite-time time-varying group formation tracking for second-order multi-agent systems with unknown disturbances. , 2019, , .  |     | 1         |
| 82 | Distributed Estimation Fusion for Maneuvering Target Based on Consensus Method and Cubature Kalman Filter with Switching Topologies Network. , 2019, , .  |     | 0         |
| 83 | Time-varying Formation Control of Discrete-time Multi-agent Systems with Directed Topology. , 2019, , .   |     | 3         |
| 84 | Practical formation containment tracking for multiple autonomous surface vessels system. IET Control Theory and Applications, 2019, 13, 2894-2905.  | 1.2 | 24        |
| 85 | Weapon Target Assignment Method with Grouping Constraints for Interception Based on Artificial Bee Colony Algorithm*. , 2019, , .   |     | 1         |
| 86 | Cooperative time-varying formation guidance for leader-following missiles to intercept a maneuvering target with switching topologies. Nonlinear Dynamics, 2019, 95, 129-141.                             | 2.7 | 35        |
| 87 | Finite-Time Time-Varying Formation Tracking for High-Order Multiagent Systems With Mismatched Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-9.                     | 5.9 | 36        |
| 88 | Distributed Time-Varying Formation Control for Multiagent Systems With Directed Topology Using an Adaptive Output-Feedback Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 4676-4685.    | 7.2 | 44        |
| 89 | Distributed Time-Varying Output Formation Tracking for Heterogeneous Linear Multiagent Systems With a Nonautonomous Leader of Unknown Input. IEEE Transactions on Automatic Control, 2019, 64, 4292-4299. | 3.6 | 118       |
| 90 | UIF-based cooperative tracking method for multi-agent systems with sensor faults. Science China Information Sciences, 2019, 62, 1.  | 2.7 | 14        |

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|-----|--|-----|-----------|
| 91  | Time-Varying Formation Tracking for UAV Swarm Systems With Switching Directed Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3674-3685.  | 7.2 | 114       |
| 92  | Time-Varying Formation Control for Time-Delayed Multi-Agent Systems with General Linear Dynamics and Switching Topologies. Unmanned Systems, 2019, 07, 3-13.   | 2.7 | 30        |
| 93  | Practical time-varying formation tracking for high-order nonlinear multi-agent systems based on the distributed extended state observer. International Journal of Control, 2019, 92, 2451-2462.  | 1.2 | 38        |
| 94  | Distributed Time-Varying Formation Control for Linear Swarm Systems With Switching Topologies Using an Adaptive Output-Feedback Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2664-2675.            | 5.9 | 46        |
| 95  | Theory and Experiment on Formation-Containment Control of Multiple Multirotor Unmanned Aerial Vehicle Systems. IEEE Transactions on Automation Science and Engineering, 2019, 16, 229-240.   | 3.4 | 217       |
| 96  | Practical time-varying formation tracking for high-order nonlinear multiagent systems with multiple leaders based on the distributed disturbance observer. International Journal of Robust and Nonlinear Control, 2018, 28, 3258-3272. | 2.1 | 17        |
| 97  | Time-varying formation tracking for high-order multi-agent systems with switching topologies and a leader of bounded unknown input. Journal of the Franklin Institute, 2018, 355, 2808-2825.   | 1.9 | 45        |
| 98  | Distributed event-triggered cubature information filtering based on weighted average consensus. IET Control Theory and Applications, 2018, 12, 78-86.  | 1.2 | 32        |
| 99  | Distributed Fault-Tolerant Time-Varying Formation Control for Second-Order Multi-Agent Systems With Actuator Failures and Directed Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 774-778.        | 2.2 | 66        |
| 100 | Three-dimensional guidance method for air to ground missile with impact time constraint. , 2018, , .   |     | 2         |
| 101 | Formation-containment tracking for general linear multi-agent systems with a tracking-leader of unknown control input. Systems and Control Letters, 2018, 122, 67-76.  | 1.3 | 55        |
| 102 | Fully Distributed Output-feedback Time-varying Formation Tracking Control for Second-order Nonlinear Multi-agent Systems with Switching Directed Topologies. , 2018, , .   |     | 4         |
| 103 | Containment control of fully heterogeneous linear multi-agent systems with switching topologies. , 2018, , .   |     | 3         |
| 104 | Robust adaptive attitude control of the quad-rotor UAV based on the LQR and NESO technique. , 2018, , .  |     | 3         |
| 105 | Time-varying formation pursuit based cooperative guidance for multiple missiles to intercept a maneuvering target. , 2018, , .   |     | 0         |
| 106 | Gust Load Alleviation for a Regional Aircraft with Actuator Oscillatory Failure Case. , 2018, , .  |     | 0         |
| 107 | Distributed Extended Kalman-consensus Filtering Algorithm Based on Sensor Network for Nonlinear System. , 2018, , .  |     | 3         |
| 108 | Time-varying formation tracking for UGV swarm systems with switching directed topologies. , 2018, , .  |     | 4         |

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|-----|--|-----|-----------|
| 109 | Distributed Output Formation Control for Linear Swarm Systems with Time-Varying Formation and Directed Topology. , 2018, , .   |     | 0         |
| 110 | Formation Control for Time-delayed Second-order Multi-agent Systems with Switching Topology. , 2018, , .   |     | 0         |
| 111 | Fault Tolerant Control for Commercial Aircraft with Actuator Faults and Amplitude Saturation. , 2018, , .  |     | 0         |
| 112 | Application of An Adaptive Cubature Kalman Filter in Target Tracking Model of Infrared Semi-strapdown Seeker. , 2018, , .  |     | 1         |
| 113 | A New Positioning System Based on UWB and INS Fusion Information. , 2018, , .  |     | 0         |
| 114 | Time-varying group formation tracking for second-order multi-agent systems with switching directed topologies. , 2018, , .   |     | 3         |
| 115 | Model Reference Adaptive Control of a Quadrotor UAV based on RBF Neural Networks. , 2018, , .  |     | 1         |
| 116 | Fault Tolerant Control for Civil Aircraft with Actuator Faults and Rate Limit. , 2018, , .   |     | 0         |
| 117 | Robust guaranteed cost time-varying formation tracking control for high-order multi-agent systems with external disturbances. , 2018, , .  |     | 0         |
| 118 | Time-varying formation tracking for general linear multi-agent systems with multiple leaders and input saturation. , 2018, , .   |     | 1         |
| 119 | Practical time-varying formation tracking for multiple non-holonomic mobile robot systems based on the distributed extended state observers. IET Control Theory and Applications, 2018, 12, 1737-1747.       | 1.2 | 21        |
| 120 | Distributed formation tracking for high-order multi-agent systems with a leader of unknown input and switching topologies via edge-based adaptive protocol. , 2018, , .                                      |     | 1         |
| 121 | Time-varying group formation analysis and design for general linear multi-agent systems with directed topologies. International Journal of Robust and Nonlinear Control, 2017, 27, 1640-1652.                | 2.1 | 42        |
| 122 | Adaptive control of nonminimum-phase systems using shifted Laurent series. International Journal of Control, 2017, 90, 407-427.  | 1.2 | 11        |
| 123 | Decoupled three-dimensional entry trajectory planning based on maneuver coefficient. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2017, 231, 1281-1292. | 0.7 | 6         |
| 124 | Distributed Time-Varying Formation Robust Tracking for General Linear Multiagent Systems With Parameter Uncertainties and External Disturbances. IEEE Transactions on Cybernetics, 2017, 47, 1959-1969.      | 6.2 | 143       |
| 125 | Formation tracking control for time-delayed multi-agent systems with second-order dynamics. Chinese Journal of Aeronautics, 2017, 30, 348-357.   | 2.8 | 46        |
| 126 | Distributed adaptive control for time-varying formation of general linear multi-agent systems. International Journal of Systems Science, 2017, 48, 3491-3503.  | 3.7 | 12        |



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|-----|--|-----|-----------|
| 127 | Distributed group cooperative guidance for multiple missiles with fixed and switching directed communication topologies. <i>Nonlinear Dynamics</i> , 2017, 90, 2507-2523.  | 2.7 | 48        |
| 128 | An image denoising method based on nonsubsampling contourlet transform with SQP optimization. , 2017, , .  |     | 3         |
| 129 | Distributed time-varying formation control for second-order nonlinear multi-agent systems based on observers. , 2017, , .  |     | 5         |
| 130 | Control-oriented credibility assessment of air-breathing hypersonic vehicle model. , 2017, , .   |     | 0         |
| 131 | Weighted average consensus-based cubature Kalman filtering for mobile sensor networks with switching topologies. , 2017, , .   |     | 2         |
| 132 | Fault-tolerant time-varying formation control for second-order multi-agent systems with directed topologies. , 2017, , .   |     | 4         |
| 133 | Decentralized event-triggered formation of linear multi-agent system. , 2017, , .  |     | 3         |
| 134 | Distributed adaptive practical time-varying tracking control for second-order nonlinear multi-agent system using neural networks. , 2017, , .  |     | 3         |
| 135 | Guidance information estimation of the semi-strapdown infrared imaging seeker. , 2017, , .   |     | 2         |
| 136 | Time-varying formation tracking for second-order multi-agent systems with switching directed topologies. , 2017, , .   |     | 2         |
| 137 | Distributed fault-tolerant time-varying formation control for high-order linear multi-agent systems with actuator failures. <i>ISA Transactions</i> , 2017, 71, 40-50.   | 3.1 | 54        |
| 138 | Necessary and sufficient conditions for average formation tracking of second-order multi-agent systems with multiple leaders. <i>Journal of the Franklin Institute</i> , 2017, 354, 611-626.                                     | 1.9 | 46        |
| 139 | Time-Varying Formation Tracking for Second-Order Multi-Agent Systems Subjected to Switching Topologies With Application to Quadrotor Formation Flying. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 5014-5024. | 5.2 | 566       |
| 140 | Distributed Time-Varying Formation Tracking Analysis and Design for Second-Order Multi-Agent Systems. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2017, 86, 277-289.                            | 2.0 | 50        |
| 141 | Time-varying formation tracking control for multi-agent systems with input saturation. , 2017, , .   |     | 5         |
| 142 | Practical time-varying formation tracking control for second-order nonlinear multi-agent systems based on the distributed extend state observer. , 2017, , .   |     | 2         |
| 143 | Trajectory tracking for hypersonic glide vehicles based on improved sine-AIMM. , 2017, , .   |     | 1         |
| 144 | Distributed group cooperative guidance for multiple missiles with switching directed communication topologies. , 2017, , .   |     | 4         |

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|-----|--|-----|-----------|
| 145 | Formation-containment tracking for high-order linear multi-agent systems on directed graphs. , 2017, , .   |     | 1         |
| 146 | Robust adaptive control for hypersonic gliding vehicles based on NESO. , 2017, , .   |     | 3         |
| 147 | Control strategy for the transition flight of a tail-sitter UAV. , 2017, , .   |     | 3         |
| 148 | Time-varying formation control for mobile robots: Algorithms and experiments. , 2017, , .  |     | 3         |
| 149 | Weighted average consensus-based cubature information filtering for mobile sensor networks with intermittent observations. , 2017, , .                 |     | 3         |
| 150 | Distributed observer-based time-varying formation tracking for high-order multi-agent systems with nonlinear dynamics. , 2017, , .                     |     | 4         |
| 151 | A new robust fault-tolerant control strategy for aircraft with asymmetric structure damage. , 2017, , .  |     | 1         |
| 152 | Robust adaptive attitude control for carrier based aircrafts in the landing process under the carrier air wake disturbance. , 2017, , .                |     | 1         |
| 153 | Fault-Tolerant Control Strategy for Aircraft with Asymmetric Structure Damage. , 2017, , .   |     | 0         |
| 154 | Time-varying group formation control for second-order multi-agent systems with switching directed topologies. , 2017, , .                              |     | 7         |
| 155 | Robust adaptive time-varying formation control for high-order linear uncertain multi-agent systems. , 2017, , .  |     | 2         |
| 156 | Fault diagnosability qualitative analysis of spacecraft based on temporal fault signature matrix. , 2016, , .  |     | 2         |
| 157 | A consensus based algorithm for formation control under directed and switching graphs. , 2016, , .   |     | 1         |
| 158 | Maneuvering target interception using retrospective-cost-based adaptive input and state estimation. , 2016, , .  |     | 1         |
| 159 | Adaptive trajectory linearization control for hypersonic reentry vehicle. Journal of Central South University, 2016, 23, 2876-2882.                    | 1.2 | 1         |
| 160 | Predictor-corrector guidance for entry with terminal altitude constraint. , 2016, , .  |     | 4         |
| 161 | Distributed Adaptive Formation Control for Linear Swarm Systems With Time-Varying Formation and Switching Topologies. IEEE Access, 2016, 4, 8995-9004. | 2.6 | 35        |
| 162 | Circular formation tracking control for time-delayed second-order multi-agent systems with multiple leaders. , 2016, , .                               |     | 0         |

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|-----|--|-----|-----------|
| 163 | Distributed adaptive time-varying formation for multi-agent systems with general high-order linear time-invariant dynamics. Journal of the Franklin Institute, 2016, 353, 2290-2304. | 1.9 | 99        |
| 164 | Output formation-containment analysis and design for general linear time-invariant multi-agent systems. Journal of the Franklin Institute, 2016, 353, 322-344.                       | 1.9 | 43        |
| 165 | Interceptor trajectory and guidance for hypersonic gliding targets. , 2016, , .  |     | 0         |
| 166 | Group cooperative guidance for multiple missiles with directed topologies. , 2016, , .   |     | 8         |
| 167 | Continuous-time retrospective cost adaptive control for nonminimum-phase systems. , 2016, , .  |     | 0         |
| 168 | Distributed cooperative guidance for multiple missiles. , 2016, , .  |     | 3         |
| 169 | A data driven method for quantitative fault diagnosability evaluation. , 2016, , .   |     | 3         |
| 170 | Adaptive error correction for discrete-time systems with amplitude and rate saturation. , 2016, , .  |     | 0         |
| 171 | Formation-containment control for second-order multi-agent systems with time-varying delays. Neurocomputing, 2016, 218, 439-447.   | 3.5 | 59        |
| 172 | Time-varying formation control for linear multi-agent systems with distributed adaptive protocols. , 2016, , .   |     | 3         |
| 173 | Formation-containment control for multi-agent systems with second-order dynamics and time-varying delays. , 2016, , .  |     | 4         |
| 174 | Average formation tracking for second-order multi-agent systems with multiple leaders. , 2016, , .   |     | 3         |
| 175 | Time-varying group formation control for multi-agent systems with second-order dynamics and directed topologies. , 2016, , .   |     | 0         |
| 176 | Integration control design for a semi-strapdown seeker missile. , 2016, , .  |     | 0         |
| 177 | Time-varying group formation control for general linear multi-agent systems with directed topologies. , 2016, , .  |     | 3         |
| 178 | Formation tracking control for second-order multi-agent systems with time-varying delays. , 2016, , .  |     | 4         |
| 179 | Time-varying formation control for multi-agent systems with double-integrator dynamics and jointly connected topologies. , 2016, , .   |     | 0         |
| 180 | Adaptive time-varying formation control for high-order linear multi-agent systems with directed interaction topology. , 2016, , .  |     | 5         |

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