# Jianying

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 1,098 citations | 759055 12 h-index | 752573 20 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 899 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nonsingular fast terminal slidingâ€mode control for nonlinear dynamical systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1865-1879. | 2.1 | 564 |
| 2 | Distributed Guidance Law Design for Cooperative Simultaneous Attacks with Multiple Missiles. Journal of Guidance, Control, and Dynamics, 2016, 39, 2439-2447. | 1.6 | 131 |
| 3 | Smooth Sliding Mode Control for Missile Interception with Finite-Time Convergence. Journal of Guidance, Control, and Dynamics, 2015, 38, 1311-1318. | 1.6 | 80 |
| 4 | Simultaneous attack of a stationary target using multiple missiles: a consensus-based approach. Science China Information Sciences, 2017, 60, 1. | 2.7 | 43 |
| 5 | Cooperative Guidance Law Design for Simultaneous Attack with Multiple Missiles Against a Maneuvering Target. Journal of Systems Science and Complexity, 2018, 31, 287-301. | 1.6 | 36 |
| 6 | Guidance Law Design for Impact Time Attack Against Moving Targets. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2580-2589. | 2.6 | 32 |
| 7 | Design, Modeling, Control, and Experiments for a Fish-Robot-Based IoT Platform to Enable Smart Ocean. IEEE Internet of Things Journal, 2021, 8, 9317-9329. | 5.5 | 30 |
| 8 | An improved approach to robust stability analysis and controller synthesis for LPV systems. International Journal of Robust and Nonlinear Control, 2011, 21, 1574-1586. | 2.1 | 28 |
| 9 | Robust finiteâ€time stability and stabilisation for switched linear parameterâ€varying systems and its application to bankâ€toâ€turn missiles. IET Control Theory and Applications, 2015, 9, 2171-2179. | 1.2 | 23 |
| 10 | Design, Modeling, Control, and Experiments for Multiple AUVs Formation. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2776-2787. | 3.4 | 22 |
| 11 | Cooperative guidance for simultaneous attack: a fully distributed, adaptive, and optimal approach. International Journal of Control, 2020, 93, 1765-1774. | 1.2 | 17 |
| 12 | Smooth Switching Output Tracking Control for <scp>LPV</scp> Systems. Asian Journal of Control, 2012, 14, 1710-1716. | 1.9 | 12 |
| 13 | Adaptive fault-tolerant control with control allocation for flight systems with severe actuator failures and input saturation. , 2013, , . | | 12 |
| 14 | Attitude Control of Aircraft Using Only Synthetic Jet Actuators When Stall Occurs. IEEE Access, 2018, 6, 37910-37917. | 2.6 | 9 |
| 15 | Distributed optimal formation algorithm for multi-satellites system with time-varying performance function. International Journal of Control, 2020, 93, 1015-1026. | 1.2 | 8 |
| 16 | Robust reliable tracking controller design against actuator faults for LPV systems. Asian Journal of Control, 2011, 13, 1075-1081. | 1.9 | 7 |
| 17 | Finite time simultaneous attack for a maneuvering target with unknown acceleration. Transactions of the Institute of Measurement and Control, 2019, 41, 1849-1860. | 1.1 | 7 |
| 18 | Stabilization for a class of nonholonomic perturbed systems via robust adaptive sliding mode control. , 2010, , . | | 5 |

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|---|---|---|---|
| 19 | On decoupled or coupled control of bank-to-turn missiles. Science China Information Sciences, 2015, 58, 1-13. | 2.7 | 5 |
| 20 | Variational method-based distributed optimal guidance laws for multi-attackersâ€™ simultaneous attack. Transactions of the Institute of Measurement and Control, 2021, 43, 1868-1879. | 1.1 | 4 |
| 21 | Cooperative guidance law design for simultaneous attack with multiple missiles under directed communication topologies. , 2017, , . | | 3 |
| 22 | Active Flow Vector Flight Control Using Only SJAs for a Fixed-Wing UAV. IEEE Access, 2018, 6, 76535-76545. | 2.6 | 3 |
| 23 | Spacecraft High Accuracy Attitude Control by Quaternion-Based Nonlinear Dynamic Inversion. , 2019, , . | | 3 |
| 24 | Fully distributed guidance laws for unmanned aerial vehicles formation flight. Transactions of the Institute of Measurement and Control, 2020, 42, 965-980. | 1.1 | 3 |
| 25 | An eventâ€triggered optimal cooperative guidance law for simultaneous attacks with impact angle constraints. Optimal Control Applications and Methods, 0, , . | 1.3 | 3 |
| 26 | Chaos control and synchronization of dynamical model of happiness with fractional order. , 2009, , . | | 2 |
| 27 | Finite-time stability analysis and controller synthesis for switched linear parameter-varying systems. , 2014, , . | | 1 |
| 28 | Distributed cooperative strategy design against a maneuvering target with acceleration. , 2016, , . | | 1 |
| 29 | A new simultaneous attack cooperative guidance law with strengthened condition. , 2017, , . | | 1 |
| 30 | Guidance law of multiple missiles for cooperative simultaneous attack against maneuvering target. , 2018, , . | | 1 |
| 31 | Cooperative Strategies with Boundary Conditions for Optimal Aircraft Simultaneous Attack. , 2019, , . | | 1 |
| 32 | Finite-time Formation Control of Fixed-Wing Aircraft under Constrained Velocity and Acceleration. , 2021, , . | | 1 |
| 33 | Robust tracking controller design for a class of linear time-varying systems and its application on BTT missiles. , 2010, , . | | 0 |
| 34 | A two-step LMI approach to robust dynamic output feedback control for the MIMO aircraft model F-18. , 2010, , . | | 0 |
| 35 | Nonlinear dynamics of sloshing in tank based on Hamilton principle. , 2017, , . | | 0 |
| 36 | Active flow vector flight control for a fixed-wing UAV with Synthetic Jet. , 2018, , . | | 0 |

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|---|---|---|---|
| 37 | Cooperative Line-of-Sight (LOS) Based Control for Moving-Center Formation Flight of Multi Vehicles. , 2018, , . | | 0 |
| 38 | Adaptive Fault-tolerant Control for Flight Systems with Severe Actuator Failures. , 2019, , . | | 0 |
| 39 | Design of distributed guidance laws for multiple unmanned aerial vehicles cooperative attack of a moving target based on reducing surrounding area. Transactions of the Institute of Measurement and Control, 2020, 42, 2155-2165. | 1.1 | 0 |
| 40 | 3D Propulsions of Rodâ€Shaped Micropropellers. Advanced Intelligent Systems, 0, , 2100083. | 3.3 | 0 |
| 41 | Robust Adaptive Optimized Tracking Control for a Hypersonic Vehicle with Varying Uncertainties. , 2018, , . | | 0 |
| 42 | Adaptive-Robust Cooperative Guidance Strategy for Simultaneous attack with Impact Angle Constraints. , 2021, , . | | 0 |
| 43 | A Specified Time Obstacle Avoidance Control Strategy for Wheeled Mobile Robots. , 2021, , . | | 0 |