

# Pingfang Zhou

## List of Publications by Year in descending order

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18  
papers

536  
citations

1163117

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h-index

940533

16  
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19  
all docs

19  
docs citations

19  
times ranked

689  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | SMC Design for Robust Stabilization of Nonlinear Markovian Jump Singular Systems. IEEE Transactions on Automatic Control, 2018, 63, 219-224.  | 5.7  | 286       |
| 2  | Fuzzy-Model-Based Sampled-Data Control of Chaotic Systems: A Fuzzy Time-Dependent Lyapunov-Krasovskii Functional Approach. IEEE Transactions on Fuzzy Systems, 2017, 25, 1672-1684.   | 9.8  | 103       |
| 3  | A New Result on $H_{\infty}$ State Estimation of Delayed Static Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 3096-3101.  | 11.3 | 36        |
| 4  | Finite time attitude tracking control of an autonomous airship. Transactions of the Institute of Measurement and Control, 2018, 40, 155-162.  | 1.7  | 26        |
| 5  | Station-keeping Control of an Underactuated Stratospheric Airship. International Journal of Fuzzy Systems, 2019, 21, 715-732.   | 4.0  | 16        |
| 6  | Fault-tolerant tracking control for a multi-vector thrust ellipsoidal airship using adaptive integral sliding mode approach. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2018, 232, 1911-1924.            | 1.3  | 12        |
| 7  | Adaptive finite-time neural backstepping control for multi-input and multi-output state-constrained nonlinear systems using tangent-type nonlinear mapping. International Journal of Robust and Nonlinear Control, 2020, 30, 5559-5578.                         | 3.7  | 10        |
| 8  | Delay-Dependent Passivity and Passification for Uncertain Singularly Perturbed Markovian Jump Systems with Time-Varying Delay. Circuits, Systems, and Signal Processing, 2012, 31, 2179-2194.   | 2.0  | 9         |
| 9  | Adaptive sliding mode stabilization and positioning control for a multi-vector thrust airship with input saturation considered. Transactions of the Institute of Measurement and Control, 2018, 40, 4208-4219.  | 1.7  | 8         |
| 10 | Finite-time spatial path following control for a robotic underactuated airship. IET Intelligent Transport Systems, 2020, 14, 449-454.   | 3.0  | 8         |
| 11 | Sliding mode control of singularly perturbed Markovian jump delayed systems with nonlinearity. International Journal of Adaptive Control and Signal Processing, 2013, 27, 718-728.  | 4.1  | 5         |
| 12 | A Fast Convergence Super-twisting Observer Design for an Autonomous Airship. Asian Journal of Control, 2019, 21, 429-438.   | 3.0  | 5         |
| 13 | Event-triggered adaptive output-feedback control for nonlinear state-constrained systems using tangent-type nonlinear mapping. Asian Journal of Control, 2022, 24, 2189-2201.   | 3.0  | 3         |
| 14 | Optimal obstacle avoidance consensus formation control method for fixed-wing UAV with variable topology. Aerospace Systems, 2022, 5, 75-84.   | 1.4  | 3         |
| 15 | Optimal feedback scheduling of model predictive controllers. Journal of Control Theory and Applications, 2006, 4, 175-180.  | 0.8  | 2         |
| 16 | Virtual guidance-based finite-time path-following control of underactuated autonomous airship with error constraints and uncertainties. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2021, 235, 1246-1259. | 1.3  | 2         |
| 17 | IBLF-Based Adaptive Finite-time Neural Backstepping Control of An Autonomous Airship With Full State Constraints. , 2020, , .   |      | 2         |
| 18 | Formation control of a second-order UAVs system under switching topology with obstacle/collision avoidance. Aerospace Systems, 2020, 3, 219-227.  | 1.4  | 0         |