

xiuyan Peng

List of Publications by Year in descending order

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papers

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times ranked

189
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Robust and non-fragile static output feedback control for continuous-time semi-Markovian jump systems. Transactions of the Institute of Measurement and Control, 2016, 38, 1136-1150. | 1.7 | 83 |
| 2 | An improved particle swarm optimization algorithm applied to long short-term memory neural network for ship motion attitude prediction. Transactions of the Institute of Measurement and Control, 2019, 41, 4462-4471. | 1.7 | 20 |
| 3 | A robust unscented Kalman filter and its application in estimating dynamic positioning ship motion states. Journal of Marine Science and Technology, 2019, 24, 1265-1279. | 2.9 | 18 |
| 4 | Tâ€S Fuzzy-Affine-Model-Based Reliable Output Feedback Control of Nonlinear Systems with Actuator Faults. Circuits, Systems, and Signal Processing, 2018, 37, 81-97. | 2.0 | 10 |
| 5 | A Reduced-order Fault Detection Filter Design for Polytopic Uncertain Continuous-time Markovian Jump Systems with Time-varying Delays. International Journal of Control, Automation and Systems, 2018, 16, 2021-2032. | 2.7 | 10 |
| 6 | Echo State Network ship motion modeling prediction based on Kalman filter. , 2017, , . | | 7 |
| 7 | A Reduced-Order Fault Detection Filtering Approach for Continuous-Time Markovian Jump Systems with Polytopic Uncertainties. Complexity, 2017, 2017, 1-14. | 1.6 | 6 |
| 8 | Real time power management strategy for an allâ€electric ship using a predictive control model. IET Generation, Transmission and Distribution, 2022, 16, 1808-1821. | 2.5 | 6 |
| 9 | Improved Reduced-Order Fault Detection Filter Design for Polytopic Uncertain Discrete-Time Markovian Jump Systems with Time-Varying Delays. Complexity, 2018, 2018, 1-15. | 1.6 | 4 |
| 10 | Analytic Model Predictive Control of Uncertain Nonlinear Systems: A Fuzzy Adaptive Approach. Mathematical Problems in Engineering, 2015, 2015, 1-9. | 1.1 | 2 |
| 11 | Ultrashort-Term Power Fluctuation Forecasting Based on the Prediction of the Shipborne Panel Tilt Angle. Applied Sciences (Switzerland), 2020, 10, 5213. | 2.5 | 2 |
| 12 | Fault Detection Filter Design of Polytopic Uncertain Continuous-Time Singular Markovian Jump Systems with Time-Varying Delays. Complexity, 2020, 2020, 1-23. | 1.6 | 2 |
| 13 | Adaptive Online Sequential Extreme Learning Machine with Kernels for Online Ship Power Prediction. Energies, 2021, 14, 5371. | 3.1 | 2 |
| 14 | Adaptive busâ€voltage control of ship power system with online fluctuation prediction. IET Generation, Transmission and Distribution, 0, , . | 2.5 | 2 |
| 15 | Predictive control research and its application for a class of uncertain nonlinear systems. , 2014, , . | | 1 |
| 16 | The ship motion prediction approach based on BP neural network to identify Volterra series kernels. , 2014, , . | | 1 |
| 17 | A nonlinear control method based on fuzzy optimization algorithm for rudder roll stabilization. , 2014, , . | | 1 |
| 18 | Shipboard Power Management for Failure Mode Using the Hybrid MPC Approach. Energies, 2021, 14, 2915. | 3.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Shipboard power system control based on power fluctuation forecasting for photovoltaic penetrated all-electric ships. , 2022, , . | | 1 |
| 20 | Optimized method of sliding mode variable structure controller design for two-stage inverted pendulum. , 2011, , . | | 0 |
| 21 | Fault diagnosis based on data-driven of ship course control. , 2014, , . | | 0 |
| 22 | A novel control method based on fuzzy optimization algorithm of ship lateral motion control. , 2014, , . | | 0 |
| 23 | A new control algorithm based on data-driven design to reject ship course disturbance. , 2015, , . | | 0 |
| 24 | An improved analytic model predictive control for a class of uncertain nonlinear systems. , 2016, , . | | 0 |
| 25 | Model predictive control for discrete-time nonlinear quadratic systems. , 2017, , . | | 0 |
| 26 | A Modified Q-Filter Model-Inverse Based ILC and Its Application on PMLSM. , 2018, , . | | 0 |
| 27 | Optimization of MVDC Power System of All Electric Ship Based on Hybrid Energy Storage. , 2019, , . | | 0 |
| 28 | Research and Development of Decision Support System for Electricity Price Prediction of Power Generation Enterprises. , 2019, , . | | 0 |
| 29 | A novel full-order and reduced-order fault detection filters design method for continuous-time singular Markov jump systems with complexity transition rates. Transactions of the Institute of Measurement and Control, 2021, 43, 2127-2142. | 1.7 | 0 |
| 30 | A Novel Reduced-Order Fault Detection Filtering Design for Singular Continuous-Time Markovian Jump Systems. , 2020, , . | | 0 |