xiuyan Peng

List of Publications by Year
in descending order

30 papers	179 citations	1478505 6 h-index	1125743 13 g-index
30 all docs	30 docs citations	30 times ranked	189 citing authors

#	ARTICLE	IF	CITATIONS
1	Real time power management strategy for an all‐electric ship using a predictive control model. IET Generation, Transmission and Distribution, 2022, 16, 1808-1821.	2.5	6
2	Shipboard power system control based on power fluctuation forecasting for photovoltaic penetrated all-electric ships. , 2022, , .		1
3	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
4	Shipboard Power Management for Failure Mode Using the Hybrid MPC Approach. Energies, 2021, 14, 2915.	3.1	1
5	Adaptive Online Sequential Extreme Learning Machine with Kernels for Online Ship Power Prediction. Energies, 2021, 14, 5371.	3.1	2
6	Ultrashort-Term Power Fluctuation Forecasting Based on the Prediction of the Shipborne Panel Tilt Angle. Applied Sciences (Switzerland), 2020, 10, 5213.	2.5	2
7	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
8	A Novel Reduced-Order Fault Detection Filtering Design for Singular Continuous-Time Markovian Jump Systems. , 2020, , .		0
9	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
10	Optimization of MVDC Power System of All Electric Ship Based on Hybrid Energy Storage. , 2019, , .		0
11	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
12	Research and Development of Decision Support System for Electricity Price Prediction of Power Generation Enterprises. , 2019, , .		0
13	T–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
14	A Modified Q-Filter Model-Inverse Based ILC and Its Application on PMLSM. , 2018, , .		0
15	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
16	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
17	Model predictive control for discrete-time nonlinear quadratic systems. , 2017, , .		0
18	Echo State Network ship motion modeling prediction based on Kalman filter. , 2017, , .		7

#	Article	IF	Citations
19	A Reduced-Order Fault Detection Filtering Approach for Continuous-Time Markovian Jump Systems with Polytopic Uncertainties. Complexity, 2017, 2017, 1-14.	1.6	6
20	An improved analytic model predictive control for a class of uncertain nonlinear systems. , 2016, , .		0
21	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
22	Analytic Model Predictive Control of Uncertain Nonlinear Systems: A Fuzzy Adaptive Approach. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	2
23	A new control algorithm based on data-driven design to reject ship course disturbance. , 2015, , .		0
24	Fault diagnosis based on data-driven of ship course control. , 2014, , .		0
25	Predictive control research and its application for a class of uncertain nonlinear systems. , 2014, , .		1
26	A novel control method based on fuzzy optimization algorithm of ship lateral motion control. , 2014, , .		0
27	The ship motion prediction approach based on BP neural network to identify Volterra series kernels. , 2014, , .		1
28	A nonlinear control method based on fuzzy optimization algorithm for rudder roll stabilization. , 2014, , .		1
29	Optimized method of sliding mode variable structure controller design for two-stage inverted pendulum. , 2011, , .		0
30	Adaptive busâ€voltage control of ship power system with online fluctuation prediction. IET Generation, Transmission and Distribution, 0, , .	2.5	2