Jie Ding

List of Publications by Year
in descending order

27 papers	1,166 citations	687363 13 h-index	888059 17 g-index
28 all docs	28 docs citations	28 times ranked	397 citing authors

#	Article	IF	Citations
1	Stabilization of networked singular control systems under double-channel quantization and DoS attacks. Journal of the Franklin Institute, 2022, 359, 3517-3548.	3.4	2
2	State of Charge (SOC) Estimation Based on Extended Exponential Weighted Moving Average H_∞ Filtering. Energies, 2021, 14, 1655.	3.1	3
3	Discrete fractional order PID controller design for nonlinear systems. International Journal of Systems Science, 2021, 52, 3206-3213.	5.5	24
4	Convergence analysis of the modified adaptive extended Kalman filter for the parameter estimation of a brushless DC motor. International Journal of Robust and Nonlinear Control, 2021, 31, 7606-7620.	3.7	17
5	Sliding mode-based H-infinity filter for SOC estimation of lithium-ion batteries. Ionics, 2021, 27, 5147-5157.	2.4	24
6	Hybrid Control Synthesis for Turing Instability and Hopf Bifurcation of Marine Planktonic Ecosystems With Diffusion. IEEE Access, 2021, 9, 111326-111335.	4.2	2
7	Weighted Parameter Estimation for Hammerstein Nonlinear ARX Systems. Circuits, Systems, and Signal Processing, 2020, 39, 2178-2192.	2.0	93
8	Improved sliding mode based EKF for the SOC estimation of lithium-ion batteries. Ionics, 2020, 26, 2875-2882.	2.4	43
9	Rational design of TiO$_2$ nanomaterials using miniemulsion polymerization: rapid antimicrobial efficiency and enhanced UV stability. Polymer-Plastics Technology and Materials, 2020, 59, 1585-1594.	1.3	2
10	Particle filtering based parameter estimation for systems with output-error type model structures. Journal of the Franklin Institute, 2019, 356, 5521-5540.	3.4	107
11	SOC Estimation Method for Lithium-ion Batteries: Extended Kalman Filter with Weighted Innovation. , 2019, , .		3
12	Particle filtering–based recursive identification for controlled auto–regressive systems with quantised output. IET Control Theory and Applications, 2019, 13, 2181-2187.	2.1	76
13	State Space Model Predictive Control Based on Nuclear Norm System Identification. , 2018, , .		0
14	Recursive least squares parameter identification algorithms for systems with colored noise using the filtering technique and the auxilary model. , 2015, 37, 100-108.		153
15	Modified Subspace Identification for Periodically Non-uniformly Sampled Systems by Using the Lifting Technique. Circuits, Systems, and Signal Processing, 2014, 33, 1439-1449.	2.0	81
16	Auxiliary model based parameter estimation for dual-rate output error systems with colored noise. Applied Mathematical Modelling, 2013, 37, 4051-4058.	4.2	76
17	Bias compensation based parameter estimation for dual-rate sampled-data systems. , 2011, , .		0
18	Hierarchical Least Squares Identification for Linear SISO Systems With Dual-Rate Sampled-Data. IEEE Transactions on Automatic Control, 2011, 56, 2677-2683.	5.7	227

#	Article	IF	Citations
19	Bias compensation–based parameter estimation for output error moving average systems. International Journal of Adaptive Control and Signal Processing, 2011, 25, 1100-1111.	4.1	80
20	Time series AR modeling with missing observations based on the polynomial transformation. Mathematical and Computer Modelling, 2010, 51, 527-536.	2.0	97
21	Auxiliary model based multi-innovation stochastic gradient identification for multirate multi-input systems. , 2010, , .		0
22	Iterative solutions to matrix equations of form. , 2009, , .		0
23	The residual based extended least squares identification method for dual-rate systems. Computers and Mathematics With Applications, 2008, 56, 1479-1487.	2.7	53
24	On the residual based LS parameter estimation algorithm for dual-rate systems. , 2008, , .		0
25	Time series AR model parameter estimation with missing observation data. , 2008, , .		0
26	Hierarchical least squares parameter estimation algorithms for dual-rate sampled-data systems. , 2008, , .		1
27	AM-ESG estimation algorithms for a class of systems with colored noises. , 2008, , .		1