Cheng Wang

List of Publications by Year
in descending order

15 papers	265 citations	1162889 8 h-index	1058333 14 g-index
15 all docs	15 docs citations	15 times ranked	134 citing authors

#	Article	IF	Citations
1	Several gradient-based iterative estimation algorithms for a class of nonlinear systems using the filtering technique. Nonlinear Dynamics, 2014, 77, 769-780.	2.7	89
2	Recursive least squares estimation algorithm applied to a class of linear-in-parameters output error moving average systems. Applied Mathematics Letters, 2014, 29, 36-41.	1.5	85
3	Selective synthesis of alkyl amines and *N*-vinylazoles from vinyl sulfonium salts with *N*-nucleophiles. Organic Chemistry Frontiers, 2022, 9, 3231-3236.	2.3	16
4	Energy-Efficient Train Driving Strategy with Considering the Steep Downhill Segment. Processes, 2019, 7, 77.	1.3	13
5	A Recursive Least Squares Algorithm for Pseudo-Linear ARMA Systems Using the Auxiliary Model and the Filtering Technique. Circuits, Systems, and Signal Processing, 2016, 35, 2655-2667.	1.2	11
6	Aitken-Based Stochastic Gradient Algorithm for ARX Models with Time Delay. Circuits, Systems, and Signal Processing, 2019, 38, 2863-2876.	1.2	10
7	Braking process identification of high-speed trains for automatic train stop control. ISA Transactions, 2021, 111, 171-179.	3.1	10
8	Parameter Identification of Train Basic Resistance Using Multi-Innovation Theory. IFAC-PapersOnLine, 2018, 51, 637-642.	0.5	9
9	Novel recursive least squares identification for a class of nonlinear multiple-input single-output systems using the filtering technique. Advances in Mechanical Engineering, 2016, 8, 168781401668033.	0.8	6
10	Maximum Likelihood Multi-innovation Stochastic Gradient Estimation for Multivariate Equation-error Systems. International Journal of Control, Automation and Systems, 2018, 16, 2528-2537.	1.6	4
11	Fitting the Nonlinear Systems Based on the Kernel Functions Through Recursive Search. International Journal of Control, Automation and Systems, 2022, 20, 1849-1860.	1.6	4
12	High-Q dual-band EBG filter with two independently tunable passbands. , 2018, , .		3
13	Gradient-based Iterative Parameter Estimation for a Finite Impulse Response System with Saturation Nonlinearity. International Journal of Control, Automation and Systems, 2022, 20, 73-83.	1.6	3
14	Least-Squares Based and Gradient Based Iterative Parameter Estimation Algorithms for a Class of Linear-in-Parameters Multiple-Input Single-Output Output Error Systems. Journal of Applied Mathematics, 2014, 2014, 1-8.	0.4	1
15	Hierarchical Newton Iterative Parameter Estimation of a Class of Input Nonlinear Systems Based on the Key Term Separation Principle. Complexity, 2018, 2018, 1-11.	0.9	1