

Xuehui Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coal mine personnel positioning algorithm based on improved adaptive unscented Kalman filter with wireless channel fading and unknown noise statistics. Transactions of the Institute of Measurement and Control, 2022, 44, 1217-1227.	1.7	2
2	Model Reference Adaptive Control for Mine Paste Backfill Process. , 2021, , .		0
3	Echo State Network for Extended State Observer and Sliding Mode Control of Vehicle Drive Motor with Unknown Hysteresis Nonlinearity. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	8
4	A Petri Net Neural Network Robust Control for New Paste Backfill Process Model. IEEE Access, 2020, 8, 18420-18425.	4.2	5
5	The New Paste Backfill Model and Control Based on The Centrifugal Pump and Permanent Magnet Synchronous Motor. , 2020, , .		1
6	Neural Network Identification and Sliding Mode Control for Hysteresis Nonlinear System with Backlash-Like Model. Complexity, 2019, 2019, 1-10.	1.6	3
7	Adaptive Neural Funnel Control for Nonlinear Two-Inertia Servo Mechanisms With Backlash. IEEE Access, 2019, 7, 33338-33345.	4.2	8
8	A Prescribed Performance Adaptive Control for Hysteresis Hammerstein System. Journal of Systems Science and Complexity, 2019, 32, 1039-1052.	2.8	5
9	Multiscale Chebyshev Neural Network Identification and Adaptive Control for Backlash-Like Hysteresis System. Complexity, 2018, 2018, 1-9.	1.6	4
10	Variable Gain Super-Twisting Sliding Mode Control for Preisach Hysteresis Nonlinearity System. , 2018, , .		0
11	Adaptive Control for Hysteresis Motor Driving Servo System with Preisach Model. , 2018, , .		0
12	ESO-Based Adaptive Sliding Control for Nonlinear Servo System with Unknown Disturbance and Uncertainties. , 2018, , .		2
13	Adaptive Neural Control for Hysteresis Motor Driving Servo System with Bouc-Wen Model. Complexity, 2018, 2018, 1-9.	1.6	6
14	Hopfield Neural Network Identification for Preisach Hysteresis System. , 2018, , .		2
15	Adaptive Barrier Control for Nonlinear Servomechanisms with Friction Compensation. Complexity, 2018, 2018, 1-10.	1.6	3
16	Synchronization and tracking control for multi-motor driving servo systems with backlash and friction. International Journal of Robust and Nonlinear Control, 2016, 26, 2745-2766.	3.7	34
17	Robust tracking and vibration suppression for nonlinear two-inertia system via modified dynamic surface control with error constraint. Neurocomputing, 2016, 203, 73-85.	5.9	10
18	Modified dynamic surface approach with bias torque for multi-motor servomechanism. Control Engineering Practice, 2016, 50, 57-68.	5.5	31

#	ARTICLE	IF	CITATIONS
19	Identification and control for Hammerstein systems with hysteresis nonlinearity. IET Control Theory and Applications, 2015, 9, 1935-1947.	2.1	37