Xuehui Gao

List of Publications by Year
in descending order

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		1478505	1125743
19	161	6	13
papers	citations	h-index	g-index

19	19	19	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification and control for Hammerstein systems with hysteresis nonâ€linearity. IET Control Theory and Applications, 2015, 9, 1935-1947.	2.1	37
2	Synchronization and tracking control for multiâ€motor driving servo systems with backlash and friction. International Journal of Robust and Nonlinear Control, 2016, 26, 2745-2766.	3.7	34
3	Modified dynamic surface approach with bias torque for multi-motor servomechanism. Control Engineering Practice, 2016, 50, 57-68.	5.5	31
4	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
5	Adaptive Neural Funnel Control for Nonlinear Two-Inertia Servo Mechanisms With Backlash. IEEE Access, 2019, 7, 33338-33345.	4.2	8
6	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
7	Adaptive Neural Control for Hysteresis Motor Driving Servo System with Bouc-Wen Model. Complexity, 2018, 2018, 1-9.	1.6	6
8	A Prescribed Performance Adaptive Control for Hysteresis Hammerstein System. Journal of Systems Science and Complexity, 2019, 32, 1039-1052.	2.8	5
9	A Petri Net Neural Network Robust Control for New Paste Backfill Process Model. IEEE Access, 2020, 8, 18420-18425.	4.2	5
10	Multiscale Chebyshev Neural Network Identification and Adaptive Control for Backlash-Like Hysteresis System. Complexity, 2018, 2018, 1-9.	1.6	4
11	Adaptive Barrier Control for Nonlinear Servomechanisms with Friction Compensation. Complexity, 2018, 2018, 1-10.	1.6	3
12	Neural Network Identification and Sliding Mode Control for Hysteresis Nonlinear System with Backlash-Like Model. Complexity, 2019, 2019, 1-10.	1.6	3
13	ESO-Based Adaptive Sliding Control for Nonlinear Servo System with Unknown Disturbance and Uncertainties. , 2018, , .		2
14	Hopfield Neural Network Identification for Preisach Hysteresis System. , 2018, , .		2
15	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
16	The New Paste Backfill Model and Control Based on The Centrifugal Pump and Permanent Magnet Synchronous Motor. , 2020, , .		1
17	Variable Gain Super-Twisting Sliding Mode Control for Preisach Hysteresis Nonlinearity System. , 2018, , .		0
18	Adaptive Control for Hysteresis Motor Driving Servo System with Preisach Model. , 2018, , .		0

#	Article	IF	Citations
19	Model Reference Adaptive Control for Mine Paste Backfill Process. , 2021, , .		0