Yurong Nan

List of Publications by Year
in descending order

35 papers	360 citations	840119 11 h-index	996533 15 g-index
35 all docs	35 docs citations	35 times ranked	351 citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive echo state network control for a class of pure-feedback systems with input and output constraints. Neurocomputing, 2018, 275, 1370-1382.	3.5	83
2	A Loss-Adaptive Self-Oscillating Buck Converter for LED Driving. IEEE Transactions on Power Electronics, 2012, 27, 4321-4328.	5.4	32
3	Adaptive Nonlinear Sliding Mode Control of Mechanical Servo System With LuGre Friction Compensation. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2016, 138, .	0.9	32
4	Finite-time tracking control for motor servo systems with unknown dead-zones. Journal of Systems Science and Complexity, 2013, 26, 940-956.	1.6	25
5	Disturbance-observer Based Adaptive Control for Second-order Nonlinear Systems Using Chattering-free Reaching Law. International Journal of Control, Automation and Systems, 2019, 17, 356-369.	1.6	25
6	Finite-time neural funnel control for motor servo systems with unknown input constraint. Journal of Systems Science and Complexity, 2017, 30, 579-594.	1.6	22
7	Delay-dependent H ∞ Control for Uncertain 2-D Discrete Systems with State Delay in the Roesser Model. Circuits, Systems, and Signal Processing, 2013, 32, 1097-1112.	1.2	20
8	A Hybrid Prediction Model for Solar Radiation Based on Long Short-Term Memory, Empirical Mode Decomposition, and Solar Profiles for Energy Harvesting Wireless Sensor Networks. Energies, 2019, 12, 4762.	1.6	16
9	Full-order sliding mode control for high-order nonlinear system based on extended state observer. Journal of Systems Science and Complexity, 2016, 29, 978-990.	1.6	14
10	An Input-Adaptive Self-Oscillating Boost Converter for Fault-Tolerant LED Driving With Wide-Range Ultralow Voltage Input. IEEE Transactions on Power Electronics, 2015, 30, 2743-2752.	5.4	11
11	Adaptive Fixed Time Parameter Estimation and Synchronization Control for Multiple Robotic Manipulators. International Journal of Control, Automation and Systems, 2019, 17, 2375-2387.	1.6	11
12	Fault-tolerant location of transient voltage disturbance source for DG integrated smart grid. Electric Power Systems Research, 2017, 144, 13-22.	2.1	10
13	Speed Tracking and Synchronization of a Multimotor System Based on Fuzzy ADRC and Enhanced Adjacent Coupling Scheme. Complexity, 2018, 2018, 1-16.	0.9	10
14	Adaptive neural dynamic surface sliding mode control for uncertain nonlinear systems with unknown input saturation. International Journal of Advanced Robotic Systems, 2016, 13, 172988141665775.	1.3	9
15	Maximizing network throughput by cooperative reinforcement learning in clustered solar-powered wireless sensor networks. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110074.	1.3	9
16	Backstepping funnel control for prescribed performance of robotic manipulators with unknown dead zone. , 2015, , .		8
17	Multiple motors synchronization based on active disturbance rejection control with improved adjacent coupling. , 2016, , .		7
18	Adaptive Energy Management by Reinforcement Learning in Cluster-based Solar powered WSNs. , 2020, , .		5

#	Article	IF	Citations
19	Design of reliable tracking controller for uncertain linear systems with delayed state. , 0, , .		2
20	A loss-adaptive self-oscillating buck converter for LED driving. , 2012, , .		2
21	An input-adaptive self-oscillating synchronous boost converter for LED driving with ultra-low wide-range voltage input. , 2014, , .		2
22	Study on Repetitive Controller for the Position Servo System of Electrical Injection Molding Machine. , 2006, , .		1
23	Universal control for a class of nonlinear systems based on finite-time parametric estimation. , 2016, , .		1
24	Composite integral terminal sliding mode based adaptive synchronization control of multiple robotic manipulators with actuator saturation. , 2017, , .		1
25	Adaptive parameter identification and control for servo system with input saturation. , 2017, , .		1
26	Adaptive Tracking Control of Flexible Joint Manipulator with Output Constraints. , 2021, , .		1
27	Stabilizing control of a class of robot manipulators with input delay. , 0, , .		0
28	Application of neuron speed observer and dead-time compensation method in direct torque control system. , 0, , .		0
29	A model design for process knowledge discovery of product lifecycle based on multi-agent technology. , 0, , .		0
30	Study on Constant —tension Control of Rolling Machine Based on Induction Motor Drive. , 2006, , .		0
31	Research of position sensorless control for PMSM based on sliding mode observer. , 2010, , .		0
32	An Input-Adaptive Multi-Segmented LED Driver for Wide AC Input Applications. , 2018, , .		0
33	Adaptive Tracking Control of Voltage-Driven Robotic Manipulators with Output Constraints. , 2019, , .		0
34	A New Method for the Inverse Kinematics of 6-DOF Manipulator Based on Dual Quaternion. Lecture Notes in Electrical Engineering, 2012, , 295-302.	0.3	0
35	Adaptive Parameter Identification and Control for Servo System with Input Saturation. Lecture Notes in Electrical Engineering, 2018, , 227-250.	0.3	0