

Lanzhou Zhou

List of Publications by Year in descending order

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papers

530
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623574

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37
all docs

37
docs citations

37
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Compensation for state-dependent nonlinearity in a modified repetitive control system. International Journal of Robust and Nonlinear Control, 2018, 28, 213-226.	2.1	61
2	Design of a modified repetitive-control system based on a continuous-discrete 2D model. Automatica, 2012, 48, 844-850.	3.0	57
3	Design of Observer-Based H_{∞} Robust Repetitive-Control System. IEEE Transactions on Automatic Control, 2011, 56, 1452-1457.	3.6	55
4	Robust H_{∞} control of an observer-based repetitive-control system. Journal of the Franklin Institute, 2018, 355, 4952-4969.	1.9	54
5	Estimation and rejection of aperiodic disturbance in a modified repetitive-control system. IET Control Theory and Applications, 2014, 8, 882-889.	1.2	37
6	Generalized extended state observer-based repetitive control for systems with mismatched disturbances. International Journal of Robust and Nonlinear Control, 2019, 29, 3777-3792.	2.1	34
7	Design of a robust observer-based modified repetitive-control system. ISA Transactions, 2013, 52, 375-382.	3.1	30
8	Performance Enhancement of RCS and Application to Tracking Control of Chuck-Workpiece Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 4056-4065.	5.2	25
9	Improving disturbance-rejection performance in a modified repetitive-control system based on equivalent-input-disturbance approach. International Journal of Systems Science, 2020, 51, 49-60.	3.7	23
10	Design of robust output-feedback repetitive controller for class of linear systems with uncertainties. Science China Information Sciences, 2010, 53, 1006-1015.	2.7	21
11	Design of a robust output-feedback-based modified repetitive-control system. International Journal of Systems Science, 2015, 46, 808-817.	3.7	17
12	Aperiodic disturbance rejection in a modified repetitive-control system with nonlinear uncertainty. IET Control Theory and Applications, 2016, 10, 2394-2402.	1.2	17
13	Design of Robust Modified Repetitive-Control System for Linear Periodic Plants. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2012, 134, .	0.9	16
14	Generalized-extended-state-observer-based Repetitive Control for DC Motor Servo System with Mismatched Disturbances. International Journal of Control, Automation and Systems, 2020, 18, 1936-1945.	1.6	16
15	Synchronization for a Class of Fractional-Order Hyperchaotic System and Its Application. Journal of Applied Mathematics, 2012, 2012, 1-11.	0.4	13
16	Generalized-Extended-State-Observer-Based Repetitive Control for MIMO Systems With Mismatched Disturbances. IEEE Access, 2018, 6, 61377-61385.	2.6	13
17	Design of a Discrete-time Output-feedback Based Repetitive-control System. International Journal of Automation and Computing, 2013, 10, 343-349.	4.5	8
18	A one-step method of designing an observer-based modified repetitive-control system. International Journal of Systems Science, 2015, 46, 2617-2627.	3.7	6

#	ARTICLE	IF	CITATIONS
19	Aperiodic disturbance rejection in a modified repetitive-control system. International Journal of Control, Automation and Systems, 2016, 14, 883-892.	1.6	5
20	Robust repetitive control for a class of uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 7444-7460.	2.1	5
21	Additive-State-Decomposition-Based Repetitive Control for a Class of Nonlinear Systems with Multiple Mismatched Disturbances. IEEE Transactions on Industrial Electronics, 2021, 68, 12565-12574.	5.2	4
22	A Model-Free Output Feedback Control Approach for the Stabilization of Underactuated TORA System with Input Saturation. Actuators, 2022, 11, 97.	1.2	3
23	Robust Adaptive Dynamic Surface Tracking Control of an Underactuated Surface Vessel with Unknown Dynamics. , 2018, , .		2
24	An Equivalent-Input-Disturbance-Based Sliding Mode Control Approach for DC-DC Buck Converter System With Mismatched Disturbances. , 2019, , .		2
25	Generalized-reduced-order-extended-state-observer-based Adaptive Repetitive Control for Brushless DC Motor. , 2021, , .		2
26	Repetitive process based iterative learning control for a two motors system. , 2012, , .		1
27	An efficient neural network based tracking controller for autonomous underwater vehicles subject to unknown dynamics. , 2014, , .		1
28	Generalized Extended State Observer Based Speed Control for DC Motor Servo System. , 2018, , .		1
29	Linear Active Disturbance Rejection Control Design for a Single-Link Flexible-Joint Manipulator with Uncertainties. , 2020, , .		1
30	Adaptive fuzzy based three-loop composite control of subway auxiliary inverter. , 2012, , .		0
31	A bioinspired filtered backstepping based approach to tracking control of underactuated hovercraft. , 2016, , .		0
32	Robust disturbance rejection in repetitive-control system based on improved equivalent-input-disturbance approach. , 2017, , .		0
33	Motion trajectory design for underactuated three-link gymnast robot. , 2017, , .		0
34	State-observer based two-dimensional robust repetitive control. , 2009, , .		0
35	Disturbance Estimation and Attenuation for Repetitive-Control Systems with Unknown Nonlinearity. , 2020, , .		0
36	Command-Filtered Backstepping Repetitive Control for a Class of Uncertain Nonlinear Systems Based on Additive State Decomposition. IEEE Transactions on Industrial Electronics, 2023, 70, 5150-5160.	5.2	0