

Xiaohong Wang

List of Publications by Year in descending order

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133
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional order PI $\hat{D}^{1/4}$ controller design for satisfying time and frequency domain specifications simultaneously. ISA Transactions, 2017, 68, 212-222.	5.7	51
2	A Simplified Fractional Order PID Controller's Optimal Tuning: A Case Study on a PMSM Speed Servo. Entropy, 2021, 23, 130.	2.2	24
3	Synthesis of fractional order robust controller based on Bode's ideas. ISA Transactions, 2021, 111, 290-301.	5.7	18
4	A Look-Up Table Based Fractional Order Composite Controller Synthesis Method for the PMSM Speed Servo System. Fractal and Fractional, 2022, 6, 47.	3.3	9
5	Enhanced fractional order sliding mode control for a class of fractional order uncertain systems with multiple mismatched disturbances. ISA Transactions, 2023, 133, 147-159.	5.7	8
6	DC-Link Voltage Disturbance Rejection Strategy of PWM Rectifiers Based on Reduced-Order LESO. IEEE Access, 2019, 7, 103693-103705.	4.2	7
7	Z-domain modeling of peak current mode control for full-bridge DC-DC buck converters. Journal of Power Electronics, 2021, 21, 27-37.	1.5	7
8	Stability analysis of matrix converter with constant power loads and LC input filter. , 2012, , .		6
9	Study of the fractional order proportional integral controller for PMSM based on differential evolution algorithm. , 2015, , .		5
10	A neural network-based design method of the fractional order PID controller for a class of motion control systems. Asian Journal of Control, 2022, 24, 3378-3393.	3.0	4
11	Fractional proportional integral controller applied into two parallel 3-phase PWM rectifiers. , 2017, , .		2
12	Adaptive current harmonics suppression strategy for grid-tie inverters. ISA Transactions, 2022, 128, 698-710.	5.7	2
13	Application of fractional " Order PI controller to control 3-phase PWM rectifier. , 2016, , .		0
14	A fractional order composite control method for a class of motion control systems. , 2021, , .		0