

Yunfei Yin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,117
citations

567281

15
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	New Stability and Stabilization Conditions of Switched Systems with Mode-Dependent Average Dwell Time. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 82-98.	2.0	138
2	Control of Switched Nonlinear Systems via Tâ€“S Fuzzy Modeling. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 235-241.	9.8	130
3	Improved stability criteria for switched positive linear systems with average dwell time switching. <i>Journal of the Franklin Institute</i> , 2017, 354, 3472-3484.	3.4	129
4	Observer-Based Adaptive Sliding Mode Control of NPC Converters: An RBF Neural Network Approach. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 3831-3841.	7.9	122
5	Stability Analysis and Delay Control for Switched Positive Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2184-2190.	5.7	116
6	Sliding Mode Control of a Three-Phase AC/DC Voltage Source Converter Under Unknown Load Conditions: Industry Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1771-1780.	9.3	94
7	State-dependent switching control of switched positive fractional-order systems. <i>ISA Transactions</i> , 2016, 62, 103-108.	5.7	75
8	Sliding Mode Control of Grid-Connected Neutral-Point-Clamped Converters Via High-Gain Observer. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 4010-4021.	7.9	59
9	Advanced Control Strategies for DCâ€“DC Buck Converters With Parametric Uncertainties via Experimental Evaluation. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020, 67, 5257-5267.	5.4	38
10	Adaptive neural tracking control for a class of switched uncertain nonlinear systems. <i>Neurocomputing</i> , 2015, 168, 320-326.	5.9	35
11	Observer-Based Sliding-Mode Control for Grid-Connected Power Converters Under Unbalanced Grid Conditions. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 517-527.	7.9	33
12	Adaptive Second-Order Sliding Mode Control for Grid-Connected NPC Converters With Enhanced Disturbance Rejection. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 206-220.	7.9	29
13	Stability analysis and constrained fuzzy tracking control of positive nonlinear systems. <i>Nonlinear Dynamics</i> , 2016, 83, 2509-2522.	5.2	25
14	Stability analysis of switched systems with extended average dwell time. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 1425-1434.	1.7	24
15	Adaptive Control for Three-Phase Power Converters With Disturbance Rejection Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 674-685.	9.3	18
16	Adaptive Control for a Class of Switched Linear Systems Using State-Dependent Switching. <i>Circuits, Systems, and Signal Processing</i> , 2015, 34, 3681-3695.	2.0	15
17	Reset stabilisation of positive linear systems. <i>International Journal of Systems Science</i> , 2016, 47, 2773-2782.	5.5	13
18	Fuzzy Logic System-Based Sliding-Mode Control for Three-Level NPC Converters. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 3307-3319.	7.8	8

#	ARTICLE	IF	CITATIONS
19	Stabilization for delayed positive nonlinear systems via T-S fuzzy modeling. , 2015, , .		5
20	Synchronization for non-uniform sampling networked rigid bodies. Neurocomputing, 2016, 173, 1761-1767.	5.9	4
21	Extended State Observer Based Second Order Sliding Mode Control Strategy for DC-DC Buck Converters. , 2019, , .		4
22	Event-Triggered Continuous Control Set-Model Predictive Control for Three-Phase Power Converters. , 2021, , .		3
23	Stabilization of a Class of Switched Positive Nonlinear Systems. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	0
24	A Disturbance Observer-Based Integral Sliding Mode Control for Two-Level Power Converter. , 2021, , .		0