

Chih-Chiang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3475039/publications.pdf>

Version: 2024-02-01

49
papers

1,585
citations

361045
20
h-index

301761
39
g-index

49
all docs

49
docs citations

49
times ranked

896
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Finite-Time Stabilizing Design for a Class of High-Order Uncertain Nonlinear Systems and Its Application in Maglev Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 417-424.	5.9	4
2	Global stabilization via output feedback for a class of uncertainty nonlinear systems with time-varying delay and zero dynamics. <i>ISA Transactions</i> , 2023, 132, 235-245.	3.1	2
3	Finite-Time Output Feedback Stabilization for a Class of Output-Constrained Planar Switched Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 164-168.	2.2	15
4	Prescribed-Time Stabilization of Uncertain Planar Nonlinear Systems With Output Constraints. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2887-2891.	2.2	7
5	Fixed-Time Stabilization for a Class of Output-Constrained Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6498-6510.	5.9	30
6	Robust output feedback control of time-delay nonlinear systems with dead-zone input and application to chemical reactor system. <i>Nonlinear Dynamics</i> , 2022, 109, 1617-1627.	2.7	4
7	Study on vehicle active suspension system control method based on homogeneous domination approach. <i>Asian Journal of Control</i> , 2021, 23, 561-571.	1.9	16
8	A homogeneous domination output feedback control method for active suspension of intelligent electric vehicle. <i>Nonlinear Dynamics</i> , 2021, 103, 1627-1644.	2.7	12
9	Output Tracking Control via Neural Networks for High-Order Stochastic Nonlinear Systems with Dynamic Uncertainties. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 716-726.	2.3	7
10	Protection of Sensitive Loads in Distribution Systems Using a BSFCL-DVR System. <i>Sensors</i> , 2021, 21, 1615.	2.1	4
11	Global output feedback stabilization for a class of nonlinear systems with multiple uncertainties. <i>Journal of the Franklin Institute</i> , 2021, 358, 2623-2641.	1.9	6
12	Adaptive Robust Fault-Tolerant Control Design for Wind Turbines Subject to Pitch Actuator Faults. <i>Energies</i> , 2021, 14, 1791.	1.6	14
13	Finite-time stabilization via output feedback for high-order planar systems subjected to an asymmetric output constraint. <i>Nonlinear Dynamics</i> , 2021, 104, 2347-2361.	2.7	14
14	Finite-time output feedback stabilization of planar switched systems with/without an output constraint. <i>Automatica</i> , 2021, 131, 109728.	3.0	24
15	Finite-time bounded sampled-data control of switched time-delay systems with sector bounded nonlinearity. <i>Chaos, Solitons and Fractals</i> , 2021, 153, 111470.	2.5	3
16	Fast finite-time partial state feedback stabilization of high-order nonlinear systems with output constraint and dynamic uncertainties. <i>Journal of the Franklin Institute</i> , 2020, 357, 11189-11216.	1.9	13
17	A new approach to stabilisation of a class of nonlinear systems with an output constraint. <i>International Journal of Control</i> , 2020, 93, 1242-1250.	1.2	27
18	A unified approach to finite-time stabilization of high-order nonlinear systems with an asymmetric output constraint. <i>Automatica</i> , 2020, 111, 108581.	3.0	99

#	ARTICLE	IF	CITATIONS
19	Disturbance attenuation with fast global finite-time convergence for generalized high-order uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 824-841.	2.1	8
20	A new approach to stabilization of high-order nonlinear systems with an asymmetric output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 756-775.	2.1	30
21	Fast finite-time adaptive stabilization of high-order uncertain nonlinear systems with output constraint and zero dynamics. <i>Information Sciences</i> , 2020, 514, 571-586.	4.0	30
22	Second-order sliding mode controller design with output constraint. <i>Automatica</i> , 2020, 112, 108704.	3.0	187
23	Fast finite-time adaptive stabilization of high-order uncertain nonlinear system with an asymmetric output constraint. <i>Automatica</i> , 2020, 121, 109170.	3.0	48
24	Output feedback stabilization for a class of high-order planar systems with an asymmetric output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 6994-7011.	2.1	4
25	Output feedback finite-time stabilization for high-order planar systems with an output constraint. <i>Automatica</i> , 2020, 114, 108843.	3.0	38
26	A Novel Approach to Fixed-Time Stabilization for a Class of Uncertain Second-Order Nonlinear Systems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 424.	1.3	3
27	Output feedback stabilization of time-delay nonlinear systems with unknown continuous time-varying output function and nonlinear growth rate. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2579-2592.	2.1	18
28	Global sampled-data output feedback stabilization for nonlinear systems with unknown measurement sensitivity. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 4909-4927.	2.1	8
29	Global fast finite-time partial state feedback stabilization of high-order nonlinear systems with dynamic uncertainties. <i>Information Sciences</i> , 2019, 484, 219-236.	4.0	49
30	Fast finite-time stability and its application in adaptive control of high-order nonlinear system. <i>Automatica</i> , 2019, 106, 339-348.	3.0	176
31	Feedback stabilisation of time-delay nonlinear systems with continuous time-varying output function. <i>International Journal of Systems Science</i> , 2019, 50, 244-255.	3.7	46
32	A unified approach to finite-time stabilization of high-order nonlinear systems with and without an output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 393-407.	2.1	62
33	Smooth output feedback stabilization for a class of high-order switched nonlinear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018, 29, 34-53.	2.1	19
34	Global Stabilization for a Class of Genuinely Nonlinear Systems With a Time-Varying Power: An Interval Homogeneous Domination Approach. <i>IEEE Access</i> , 2018, 6, 11255-11264.	2.6	13
35	Almost Disturbance Decoupling for a Class of Nonlinear Systems Subject to Time-Delays Via Sampled-Data Output Feedback Control. <i>Asian Journal of Control</i> , 2018, 20, 568-576.	1.9	12
36	Global Output Feedback Stabilization of a Class of Nonlinear Systems With Unknown Measurement Sensitivity. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2212-2217.	3.6	123

#	ARTICLE	IF	CITATIONS
37	Fixed-time stabilisation for a class of high-order nonlinear systems. IET Control Theory and Applications, 2018, 12, 2578-2587.	1.2	32
38	Global Output Feedback Stabilization for a Class of Nonlinear Cascade Systems. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	0
39	Global output-feedback stabilization for stochastic nonlinear systems: A double-dominance approach. International Journal of Robust and Nonlinear Control, 2018, 28, 4635-4646.	2.1	61
40	Smooth output feedback stabilization for a class of nonlinear systems with time-varying powers. International Journal of Robust and Nonlinear Control, 2017, 27, 5113-5128.	2.1	62
41	Smooth output feedback stabilization of a class of planar switched nonlinear systems under arbitrary switchings. Automatica, 2017, 82, 314-318.	3.0	53
42	Global stabilization of switched nonlinear systems under arbitrary switchings via smooth output feedback. , 2017, , .		1
43	Interval homogeneous domination approach for global stabilization of nonlinear systems with time-varying powers. , 2016, , .		4
44	Study of Nonlinear Integral Sliding Mode Fault-Tolerant Control. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1160-1168.	3.7	67
45	Study of Nonsingular Fast Terminal Sliding-Mode Fault-Tolerant Control. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	5.2	118
46	Global Stability of a System with State-Dependent Riccati Equation Controller. Journal of Guidance, Control, and Dynamics, 2015, 38, 2050-2054.	1.6	8
47	Study on a combined scheme by using T-S fuzzy and TSMC approaches. , 2013, , .		1
48	Fault tolerant control of nonlinear systems via a CA-based integral sliding mode technique. , 2013, , .		2
49	On global stability of planar systems with state-dependent Riccati equation control. Asian Journal of Control, 0, , .	1.9	1