

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

361413
20
h-index

302126
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. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 417-424.	9.3	4
2	Global stabilization via output feedback for a class of uncertainty nonlinear systems with time-varying delay and zero dynamics. ISA Transactions, 2023, 132, 235-245.	5.7	2
3	Finite-Time Output Feedback Stabilization for a Class of Output-Constrained Planar Switched Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 164-168.	3.0	15
4	Prescribed-Time Stabilization of Uncertain Planar Nonlinear Systems With Output Constraints. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2887-2891.	3.0	7
5	Fixed-Time Stabilization for a Class of Output-Constrained Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6498-6510.	9.3	30
6	Robust output feedback control of time-delay nonlinear systems with dead-zone input and application to chemical reactor system. Nonlinear Dynamics, 2022, 109, 1617-1627.	5.2	4
7	Study on vehicle active suspension system control method based on homogeneous domination approach. Asian Journal of Control, 2021, 23, 561-571.	3.0	16
8	A homogeneous domination output feedback control method for active suspension of intelligent electric vehicle. Nonlinear Dynamics, 2021, 103, 1627-1644.	5.2	12
9	Output Tracking Control via Neural Networks for High-Order Stochastic Nonlinear Systems with Dynamic Uncertainties. International Journal of Fuzzy Systems, 2021, 23, 716-726.	4.0	7
10	Protection of Sensitive Loads in Distribution Systems Using a BSFCL-DVR System. Sensors, 2021, 21, 1615.	3.8	4
11	Global output feedback stabilization for a class of nonlinear systems with multiple uncertainties. Journal of the Franklin Institute, 2021, 358, 2623-2641.	3.4	6
12	Adaptive Robust Fault-Tolerant Control Design for Wind Turbines Subject to Pitch Actuator Faults. Energies, 2021, 14, 1791.	3.1	14
13	Finite-time stabilization via output feedback for high-order planar systems subjected to an asymmetric output constraint. Nonlinear Dynamics, 2021, 104, 2347-2361.	5.2	14
14	Finite-time output feedback stabilization of planar switched systems with/without an output constraint. Automatica, 2021, 131, 109728.	5.0	24
15	Finite-time bounded sampled-data control of switched time-delay systems with sector bounded nonlinearity. Chaos, Solitons and Fractals, 2021, 153, 111470.	5.1	3
16	Fast finite-time partial state feedback stabilization of high-order nonlinear systems with output constraint and dynamic uncertainties. Journal of the Franklin Institute, 2020, 357, 11189-11216.	3.4	13
17	A new approach to stabilisation of a class of nonlinear systems with an output constraint. International Journal of Control, 2020, 93, 1242-1250.	1.9	27
18	A unified approach to finite-time stabilization of high-order nonlinear systems with an asymmetric output constraint. Automatica, 2020, 111, 108581.	5.0	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.	3.7	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.	3.7	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.	6.9	30
22	Second-order sliding mode controller design with output constraint. <i>Automatica</i> , 2020, 112, 108704.	5.0	187
23	Fast finite-time adaptive stabilization of high-order uncertain nonlinear system with an asymmetric output constraint. <i>Automatica</i> , 2020, 121, 109170.	5.0	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.	3.7	4
25	Output feedback finite-time stabilization for high-order planar systems with an output constraint. <i>Automatica</i> , 2020, 114, 108843.	5.0	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.	2.5	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.	3.7	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.	3.7	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.	6.9	49
30	Fast finite-time stability and its application in adaptive control of high-order nonlinear system. <i>Automatica</i> , 2019, 106, 339-348.	5.0	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.	5.5	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.	3.7	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.	3.5	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.	4.2	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.	3.0	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.	5.7	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.	2.1	32
38	Global Output Feedback Stabilization for a Class of Nonlinear Cascade Systems. Mathematical Problems in Engineering, 2018, 2018, 1-13.	1.1	0
39	Global output-feedback stabilization for stochastic nonlinear systems: A double-domination approach. International Journal of Robust and Nonlinear Control, 2018, 28, 4635-4646.	3.7	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.	3.7	62
41	Smooth output feedback stabilization of a class of planar switched nonlinear systems under arbitrary switchings. Automatica, 2017, 82, 314-318.	5.0	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.	5.8	67
45	Study of Nonsingular Fast Terminal Sliding-Mode Fault-Tolerant Control. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	7.9	118
46	Global Stability of a System with State-Dependent Riccati Equation Controller. Journal of Guidance, Control, and Dynamics, 2015, 38, 2050-2054.	2.8	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, , .	3.0	1