

Heng Liu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9059494/heng-liu-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,085
citations

18
h-index

32
g-index

67
ext. papers

1,400
ext. citations

3.2
avg, IF

5.34
L-index

#	Paper	IF	Citations
55	Adaptive Fuzzy Backstepping Control of Fractional-Order Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2209-2217	7.3	206
54	Adaptive fuzzy prescribed performance controller design for a class of uncertain fractional-order nonlinear systems with external disturbances. <i>Neurocomputing</i> , 2017 , 219, 422-430	5.4	81
53	Adaptive Fuzzy control for a class of unknown fractional-order neural networks subject to input nonlinearities and dead-zones. <i>Information Sciences</i> , 2018 , 454-455, 30-45	7.7	66
52	Adaptive Neural Network Backstepping Control of Fractional-Order Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5166-5177	10.3	57
51	Synchronization for fractional-order neural networks with full/under-actuation using fractional-order sliding mode control. <i>International Journal of Machine Learning and Cybernetics</i> , 2018 , 9, 1219-1232	3.8	55
50	Composite Learning Adaptive Dynamic Surface Control of Fractional-Order Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2557-2567	10.2	51
49	Adaptive Controller Design for a Class of Uncertain Fractional-Order Nonlinear Systems: An Adaptive Fuzzy Approach. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 366-379	3.6	50
48	Adaptive Synchronization for a Class of Uncertain Fractional-Order Neural Networks. <i>Entropy</i> , 2015 , 17, 7185-7200	2.8	49
47	Composite learning adaptive sliding mode control of fractional-order nonlinear systems with actuator faults. <i>Journal of the Franklin Institute</i> , 2019 , 356, 9580-9599	4	39
46	Backstepping-Based Adaptive Fuzzy Synchronization Control for a Class of Fractional-Order Chaotic Systems with Input Saturation. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1571-1584	3.6	35
45	Positivity and Stability Analysis for Fractional-Order Delayed Systems: A T-S Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 927-939	8.3	33
44	Composite learning fuzzy synchronization for incommensurate fractional-order chaotic systems with time-varying delays. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1739-1758	2.8	30
43	Bifurcations in a fractional-order neural network with multiple leakage delays. <i>Neural Networks</i> , 2020 , 131, 115-126	9.1	28
42	Prescribed performance synchronization for fractional-order chaotic systems. <i>Chinese Physics B</i> , 2015 , 24, 090505	1.2	27
41	Adaptive Fuzzy synchronization for a class of fractional-order neural networks. <i>Chinese Physics B</i> , 2017 , 26, 030504	1.2	26
40	Composite learning sliding mode synchronization of chaotic fractional-order neural networks. <i>Journal of Advanced Research</i> , 2020 , 25, 87-96	13	22
39	Robust adaptive control for fractional-order financial chaotic systems with system uncertainties and external disturbances. <i>Information Technology and Control</i> , 2017 , 46,	1.3	21

38	Adaptive Fuzzy Synchronization of Fractional-Order Chaotic (Hyperchaotic) Systems with Input Saturation and Unknown Parameters. <i>Complexity</i> , 2017 , 2017, 1-16	1.6	18
37	Generalized Function Projective Synchronization of Incommensurate Fractional-Order Chaotic Systems with Inputs Saturation. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 823-836	3.6	18
36	Stability Analysis and Synchronization for a Class of Fractional-Order Neural Networks. <i>Entropy</i> , 2016 , 18, 55	2.8	17
35	Command filtered adaptive neural network synchronization control of fractional-order chaotic systems subject to unknown dead zones. <i>Journal of the Franklin Institute</i> , 2021 , 358, 3376-3402	4	13
34	Adaptive fuzzy synchronization for uncertain fractional-order chaotic systems with unknown non-symmetrical control gain. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 070503	0.6	12
33	Dynamic optimal control of enhancing feedback treatment for a delayed fractional order predator-prey model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 554, 124136	3.3	11
32	Adaptive fuzzy backstepping control of fractional-order chaotic systems with input saturation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 6513-6525	1.6	10
31	Adaptive fuzzy nonlinear inversion-based control for uncertain chaotic systems. <i>Chinese Physics B</i> , 2012 , 21, 120505	1.2	10
30	Adaptive fuzzy synchronization of uncertain fractional-order chaotic systems with different structures and time-delays. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	9
29	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	8
28	Dynamical analysis and adaptive fuzzy control for the fractional-order financial risk chaotic system. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	8
27	Adaptive Dynamic Surface Control for Finite-time Tracking of Uncertain Nonlinear Systems with Dead-zone Inputs and Actuator Faults. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2797-2811	2.9	8
26	Command filtered adaptive fuzzy control of fractional-order nonlinear systems. <i>European Journal of Control</i> , 2021 , 63, 48-48	2.5	8
25	Robust adaptive control for fractional-order chaotic systems with system uncertainties and external disturbances. <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	7
24	DYNAMICS OF A FRACTIONAL-ORDER BAM NEURAL NETWORK WITH LEAKAGE DELAY AND COMMUNICATION DELAY. <i>Fractals</i> , 2021 , 29, 2150073	3.2	6
23	Modified function projective lag synchronization for multi-scroll chaotic system with unknown disturbances. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2012 , 61, 180503	0.6	5
22	Robust Control of Disturbed Fractional-Order Economical Chaotic Systems with Uncertain Parameters. <i>Complexity</i> , 2019 , 2019, 1-13	1.6	5
21	Fuzzy Adaptive Prescribed Performance Tracking Control for Uncertain Nonlinear Systems With Unknown Control Gain Signs. <i>IEEE Access</i> , 2019 , 7, 149867-149877	3.5	4

20	Synchronization of fractional-order and integer-order chaotic (hyper-chaotic) systems with different dimensions. <i>Advances in Difference Equations</i> , 2017 , 2017,	3.6	4
19	Linear Control of Fractional-Order Financial Chaotic Systems with Input Saturation. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-8	1.1	4
18	Adaptive Fuzzy Synchronization of Fractional-Order Chaotic Neural Networks with Backlash-Like Hysteresis. <i>Advances in Mathematical Physics</i> , 2018 , 2018, 1-13	1.1	3
17	Neural network controller design for uncertain nonlinear systems based on backstepping control algorithm 2017 ,		3
16	Fuzzy Adaptive Prescribed Performance Control for MIMO Uncertain Chaotic Systems in Nonstrict Feedback Form. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-6	1.1	3
15	Adaptive Fuzzy finite-time backstepping control of fractional-order nonlinear systems with actuator faults via command-filtering and sliding mode technique. <i>Information Sciences</i> , 2022 , 600, 189-208	7.7	3
14	Extended feedback and simulation strategies for a delayed fractional-order control system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 545, 123127	3.3	2
13	Resonance behavior for a generalized Mittag-Leffler fractional Langevin equation with hydrodynamic interactions. <i>International Journal of Modern Physics B</i> , 2020 , 34, 2050310	1.1	2
12	Projective lag synchronization controller design for uncertain fractional-order chaotic systems 2017 ,		1
11	Robust Synchronization of Uncertain Fractional Order Chaotic Systems. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2015 , E98.A, 2109-2116	0.4	1
10	Robust Stability and Stabilization of Interval Uncertain Descriptor Fractional-Order Systems with the Fractional-Order The <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-8	1.1	1
9	A New Nussbaum-Type Function and its Application in the Control of Uncertain Strict-Feedback Systems. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 2284-2299	3.6	1
8	Adaptive Fuzzy Variable Structure Control of Fractional-Order Nonlinear Systems with Input Nonlinearities. <i>International Journal of Fuzzy Systems</i> ,1	3.6	1
7	An Easy-to-Understand Method to Construct Desired Distance-Like Measures. <i>Complexity</i> , 2021 , 2021, 1-15	1.6	1
6	Composite Learning Control of Uncertain Fractional-Order Nonlinear Systems with Actuator Faults Based on Command Filtering and Fuzzy Approximation. <i>International Journal of Fuzzy Systems</i> ,1	3.6	1
5	Comparison of twelve types of rough approximations based on j-neighborhood space and j-adhesion neighborhood space. <i>Soft Computing</i> ,1	3.5	0
4	Connected Degree of Fuzzifying Matroids. <i>Journal of Mathematics</i> , 2022 , 2022, 1-8	1.2	0
3	Function Vector Synchronization of Uncertain Chaotic Systems with Parameters Variable. <i>Information Technology Journal</i> , 2012 , 11, 1619-1625	0.7	

- 2 An understandable way to discover methods to model interval input-output samples. *Computational and Applied Mathematics*, **2021**, 40, 1 2.4
- 1 Composite learning sliding mode control of uncertain nonlinear systems with prescribed performance. *Journal of Intelligent and Fuzzy Systems*, **2022**, 1-13 1.6