

# Ling Liu

## List of Publications by Year in descending order

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27  
papers

1,141  
citations

623734

14  
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713466

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27  
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docs citations

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times ranked

1069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Fixed-Time Nonsingular Terminal Sliding Mode Control and Its Application to Chaos Suppression in Power System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 151-155.	3.0	232
2	Fixed-Time Leader-Following Consensus for Second-Order Multiagent Systems With Input Delay. IEEE Transactions on Industrial Electronics, 2017, 64, 8635-8646.	7.9	231
3	Fixed-time dynamic surface high-order sliding mode control for chaotic oscillation in power system. Nonlinear Dynamics, 2016, 86, 401-420.	5.2	110
4	Fractional order fixed-time nonsingular terminal sliding mode synchronization and control of fractional order chaotic systems. Nonlinear Dynamics, 2017, 89, 2065-2083.	5.2	106
5	Predefined-Time Consensus Tracking of Second-Order Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2550-2560.	9.3	81
6	Fixed-time adaptive neural network control for nonstrict-feedback nonlinear systems with deadzone and output constraint. ISA Transactions, 2020, 97, 458-473.	5.7	62
7	Chaotic dynamics in a neural network under electromagnetic radiation. Nonlinear Dynamics, 2018, 91, 1541-1554.	5.2	58
8	Fixed-Time Disturbance Observer Design for Brunovsky Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 341-345.	3.0	53
9	Prescribed performance fixed-time recurrent neural network control for uncertain nonlinear systems. Neurocomputing, 2019, 363, 351-365.	5.9	52
10	Nonlinear state-observer control for projective synchronization of a fractional-order hyperchaotic system. Nonlinear Dynamics, 2012, 69, 1929-1939.	5.2	32
11	Theoretical analysis and circuit implementation of a novel complicated hyperchaotic system. Nonlinear Dynamics, 2011, 66, 707-715.	5.2	22
12	Adaptive dynamic surface neural network control for nonstrict-feedback uncertain nonlinear systems with constraints. Nonlinear Dynamics, 2018, 94, 165-184.	5.2	20
13	Chattering-Free Time Scale Separation Sliding Mode Control Design with Application to Power System Chaos Suppression. Mathematical Problems in Engineering, 2016, 2016, 1-14.	1.1	16
14	Novel nonsingular fast terminal sliding mode control for a PMSM chaotic system with extended state observer and tracking differentiator. JVC/Journal of Vibration and Control, 2017, 23, 2478-2493.	2.6	15
15	Improved decoupled model of mutually coupled dual-channel SRM with consideration of magnetic saturation in dual-channel operation. IET Electric Power Applications, 2013, 7, 427-440.	1.8	14
16	Fixed-Time Synergetic Control for a Seven-Dimensional Chaotic Power System Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950130.	1.7	11
17	Theoretical Analysis and Circuit Verification for Fractional-Order Chaotic Behavior in a New Hyperchaotic System. Mathematical Problems in Engineering, 2014, 2014, 1-14.	1.1	8
18	Adaptive Sliding Mode Control Based on Equivalence Principle and Its Application to Chaos Control in a Seven-Dimensional Power System. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Fractional-Order Hidden Attractor Based on the Extended Liu System. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-22.	1.1	3
20	Sliding mode control with mismatched disturbance observer for chaotic oscillation in a seven-dimensional power system model. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12583.	1.9	3
21	High Performance Sensorless Control of PMSM with Sliding Mode Load Torque Observer. , 2020, , .		3
22	A sliding mode speed controller based on novel reaching law of permanent magnet synchronous motor system. , 2017, , .		2
23	Controlling Chaos in a Six-Dimensional Power System Model. , 2019, , .		1
24	Dynamic Analysis and Fractional-Order Terminal Sliding Mode Control of a Fractional-Order Buck Converter Operating in Discontinuous Conduction Mode. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	1.7	1
25	Adaptive projective synchronization of a novel fractional-order hyperchaotic system. , 2014, , .		0
26	Fractional-order Fixed-time Nonsingular Backstepping Control of an Incommensurate Fractional-order Ferroresonance System. , 2019, , .		0
27	Theoretical analysis and circuit design of a novel high-dimensional hyperchaotic system. , 2014, , .		0