

Shaohua Luo

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

472
citations

686830

13
h-index

752256

20
g-index

32
all docs

32
docs citations

32
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroadaptive Optimal Fixed-Time Synchronization and its Circuit Realization for Unidirectionally Coupled FO Self-Sustained Electromechanical Seismograph Systems. IEEE Transactions on Cybernetics, 2023, 53, 2454-2466.	6.2	8
2	Optimal Synchronization of Unidirectionally Coupled FO Chaotic Electromechanical Devices With the Hierarchical Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1192-1202.	7.2	16
3	Event-triggered neural adaptive backstepping control of the K chaotic PMSGs coupled system. International Journal of Electrical Power and Energy Systems, 2022, 135, 107475.	3.3	11
4	Dynamic analysis, circuit realization and accelerated adaptive backstepping control of the FO MEMS gyroscope. Chaos, Solitons and Fractals, 2022, 155, 111735.	2.5	10
5	Dynamical analysis and chaos control of MEMS resonators by using the analog circuit. Nonlinear Dynamics, 2022, 108, 97-112.	2.7	11
6	Accelerated Adaptive Fuzzy Optimal Control of Three Coupled Fractional-Order Chaotic Electromechanical Transducers. IEEE Transactions on Fuzzy Systems, 2021, 29, 1701-1714.	6.5	30
7	Chaos analysis and stability control of the MEMS resonator via the type-2 sequential FNN. Microsystem Technologies, 2021, 27, 173-182.	1.2	12
8	Dynamical analysis and accelerated optimal stabilization of the fractional-order self-sustained electromechanical seismograph system with fuzzy wavelet neural network. Nonlinear Dynamics, 2021, 104, 1389-1404.	2.7	17
9	Adaptive Fuzzy Control for Active Suspension Systems with Time-Varying Displacement and Speed Constraints. , 2021, , .		1
10	LQG Control of Vehicle Active Suspension Using Whale Optimization Algorithm. , 2021, , .		1
11	Dynamical analysis of the fractional-order centrifugal flywheel governor system and its accelerated adaptive stabilization with the optimality. International Journal of Electrical Power and Energy Systems, 2020, 118, 105792.	3.3	15
12	Dynamical analysis and anti-oscillation-based adaptive control of the FO arch MEMS with optimality. Nonlinear Dynamics, 2020, 101, 293-309.	2.7	8
13	Adaptive backstepping optimal control of a fractional-order chaotic magnetic-field electromechanical transducer. Nonlinear Dynamics, 2020, 100, 523-540.	2.7	33
14	Adaptive Backstepping Control of the PMSG Based on the T2SFNN. , 2020, , .		0
15	Accelerated adaptive stability control of the fractional-order MEMS resonator. , 2020, , .		0
16	Observer-based adaptive stabilization of the fractional-order chaotic MEMS resonator. Nonlinear Dynamics, 2018, 92, 1079-1089.	2.7	29
17	Chaos control of the permanent magnet synchronous motor with time-varying delay by using adaptive sliding mode control based on DSC. Journal of the Franklin Institute, 2018, 355, 4147-4163.	1.9	34
18	Adaptive Synchronization of the Fractional-Order Chaotic Arch Micro-Electro-Mechanical System via Chebyshev Neural Network. IEEE Sensors Journal, 2018, 18, 3524-3532.	2.4	28

#	ARTICLE	IF	CITATIONS
19	Adaptive chaos control of the fractional-order arch MEMS resonator. <i>Nonlinear Dynamics</i> , 2018, 91, 539-547.	2.7	23
20	Chaos and Nonlinear Feedback Control of the Arch Micro-Electro-Mechanical System. <i>Journal of Systems Science and Complexity</i> , 2018, 31, 1510-1524.	1.6	5
21	Anti-oscillation and chaos control of the fractional-order brushless DC motor system via adaptive echo state networks. <i>Journal of the Franklin Institute</i> , 2018, 355, 6435-6453.	1.9	17
22	Chaotic Behavior and Adaptive Control of the Arch MEMS Resonator With State Constraint and Sector Input. <i>IEEE Sensors Journal</i> , 2018, 18, 6986-6995.	2.4	6
23	Anti-Oscillation Control of the Chaotic MEMS Resonator with Dead-Zone Input and Output Constraint. <i>Recent Patents on Mechanical Engineering</i> , 2018, 11, 146-154.	0.2	0
24	Chaos and Adaptive Control of the Fractional-Order Magnetic-Field Electromechanical Transducer. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750203.	0.7	10
25	Chaos control of the micro-electro-mechanical resonator by using adaptive dynamic surface technology with extended state observer. <i>AIP Advances</i> , 2016, 6, .	0.6	13
26	Performance enhanced design of chaos controller for the mechanical centrifugal flywheel governor system via adaptive dynamic surface control. <i>AIP Advances</i> , 2016, 6, 095217.	0.6	7
27	Chaos Analysis-Based Adaptive Backstepping Control of the Microelectromechanical Resonators With Constrained Output and Uncertain Time Delay. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 6217-6225.	5.2	48
28	Chaos control for the output-constrained system by using adaptive dynamic surface technology and application to the brushless DC motor. <i>AIP Advances</i> , 2015, 5, 127105.	0.6	5
29	Chaos control of the brushless direct current motor using adaptive dynamic surface control based on neural network with the minimum weights. <i>Chaos</i> , 2015, 25, 073102.	1.0	13
30	Chaos RBF dynamics surface control of brushless DC motor with time delay based on tangent barrier Lyapunov function. <i>Nonlinear Dynamics</i> , 2014, 78, 1193-1204.	2.7	37
31	Adaptive fuzzy dynamic surface control for the chaotic permanent magnet synchronous motor using Nussbaum gain. <i>Chaos</i> , 2014, 24, 033135.	1.0	11
32	Wheeled Mobile Robot RBFNN Dynamic Surface Control Based on Disturbance Observer. <i>ISRN Applied Mathematics</i> , 2014, 2014, 1-9.	0.5	13