Xinghua Liu

List of Publications by Year
in descending order

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64	639	759233	610901
papers	citations	12	24
		h-index	g-index

65	65	65	574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The potential mediating role of anxiety sensitivity in the impact of mindfulness training on anxiety and depression severity and impairment: A randomized controlled trial. Scandinavian Journal of Psychology, 2023, 64, 21-29.	1.5	5
2	Anomaly Resilient Relative Pose Estimation for Multiple Nonholonomic Mobile Robot Systems. IEEE Systems Journal, 2022, 16, 659-670.	4.6	5
3	Robust strong tracking unscented Kalman filter for nonâ€linear systems with unknown inputs. IET Signal Processing, 2022, 16, 351-365.	1.5	6
4	An Improved Fuzzy Voltage Compensation Control Strategy for Parallel Inverter. International Transactions on Electrical Energy Systems, 2022, 2022, 1-20.	1.9	2
5	Simulation Analysis of Arc Interruption Characteristics in Disconnector. Machines, 2022, 10, 6.	2.2	3
6	Observer-Based Load Frequency Control for Multi-Area Power System Considering Renewable Energy and Electric Vehicles. , 2022, , .		0
7	Image Reconstruction with Event Cameras Based on Asynchronous Particle Filter. , 2022, , .		0
8	Day-Ahead Economic Dispatch of Renewable Energy System considering Wind and Photovoltaic Predicted Output. International Transactions on Electrical Energy Systems, 2022, 2022, 1-14.	1.9	4
9	Long-short term memory neural network based life prediction of lithium-ion battery considering internal parameters. Energy Reports, 2022, 8, 81-89.	5.1	6
10	Calculation of DC Bias Reactive Power Loss of Converter Transformer via Finite Element Analysis. IEEE Transactions on Power Delivery, 2021, 36, 751-759.	4.3	19
11	Eventâ€triggered load frequency control of smart grids under deception attacks. IET Control Theory and Applications, 2021, 15, 1335-1345.	2.1	10
12	Modeling and Analysis of N-Branch Hybrid Switched Inductor and Capacitor Converter. Electronics (Switzerland), 2021, 10, 891.	3.1	0
13	Blockchain-Enabled Secure and Transparent Cross-Regional Model Updating and Sharing Approach in Smart Grid. , 2021, , .		2
14	On frequency regulation control strategy of wind turbine based on disturbance adaptiveness. , 2021, , .		0
15	The Toronto Mindfulness Scale: Psychometric Properties of the Chinese Version. Mindfulness, 2021, 12, 1976-1984.	2.8	5
16	Stochastic quasi-synchronization of heterogeneous delayed impulsive dynamical networks via single impulsive control. Neural Networks, 2021, 139, 223-236.	5.9	12
17	Day-ahead economic dispatch of integrated energy system including power to gas. , 2021, , .		2
18	Wireless power transfer system with ultra-thin aluminum foil. , 2021, , .		0

#	Article	IF	Citations
19	Dynamic State Estimation of Smart Grid Based on CKF under False Data Injection Attacks. , 2021, , .		0
20	Distributed Fixed-Time Secondary Frequency Control of MTDC systems. , 2021, , .		0
21	UKF-Based Vehicle Pose Estimation under Randomly Occurring Deception Attacks. Security and Communication Networks, 2021, 2021, 1-12.	1.5	3
22	Local Decomposition of Kalman Filters and its Application for Secure State Estimation. IEEE Transactions on Automatic Control, 2021, 66, 5037-5044.	5.7	10
23	Adaptive Robust Unscented Kalman Filter for Power System Dynamic State Estimation. , 2021, , .		1
24	Observer-Based Sliding Mode Load Frequency Control of Power Systems under Deception Attack. Complexity, 2021, 2021, 1-11.	1.6	2
25	Consensus Control of Small Unmanned Surface Vehicle with Event-triggered Communication. , 2021, , .		0
26	Quasi-Synchronization of Heterogeneous Networks With a Generalized Markovian Topology and Event-Triggered Communication. IEEE Transactions on Cybernetics, 2020, 50, 4200-4213.	9.5	28
27	Dynamic Output Feedback Asynchronous Control of Networked Markovian Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2705-2715.	9.3	40
28	Sliding-Mode Control for Stabilizing High-Order Stochastic Systems: Application to One-Degree-of-Freedom Aerial Device. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4318-4325.	9.3	8
29	Periodic Event-Triggered Dynamic Output Feedback Dissipative Control With Stochastic Detection. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1069-1073.	3.0	1
30	Asynchronous repetitive control of switched systems via periodic event-based dynamic output feedback. IMA Journal of Mathematical Control and Information, 2020, 37, 644-673.	1.7	5
31	Multiobjective Lightning Flash Algorithm Design and Its Convergence Analysis via Martingale Theory. Complexity, 2020, 2020, 1-10.	1.6	0
32	Dissipativity-Based Asynchronous Repetitive Control for Networked Markovian Jump Systems: 2-D System Approach. IEEE Transactions on Control of Network Systems, 2020, 7, 1212-1224.	3.7	9
33	State-Estimator-Based Asynchronous Repetitive Control of Discrete-Time Markovian Switching Systems. Complexity, 2020, 2020, 1-13.	1.6	2
34	Stability Analysis for Networked Power Systems with LFC and Event-Triggered Communication. , 2020, , .		1
35	Unscented particle filter-based state estimation for permanent magnet linear synchronous motor. , 2020, , .		0
36	Day-ahead economic dispatch including photovoltaic power generation cost. , 2020, , .		2

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37	Unscented Kalman Filter With Generalized Correntropy Loss for Robust Power System Forecasting-Aided State Estimation. IEEE Transactions on Industrial Informatics, 2019, 15, 6091-6100.	11.3	57
38	Filter-Based Secure Dynamic Pose Estimation for Autonomous Vehicles. IEEE Sensors Journal, 2019, 19, 6298-6308.	4.7	10
39	Effect of Acceptance Versus Attention on Pain Tolerance: Dissecting Two Components of Mindfulness. Mindfulness, 2019, 10, 1352-1359.	2.8	24
40	Periodic event-based asynchronous filtering of switched systems. Journal of the Franklin Institute, 2019, 356, 10058-10075.	3.4	3
41	Sliding mode control for quantized semi-Markovian switching systems with bounded disturbances. IMA Journal of Mathematical Control and Information, 2019, 36, 125-144.	1.7	12
42	Secure Estimation for Attitude and Heading Reference Systems Under Sparse Attacks. IEEE Sensors Journal, 2019, 19, 641-649.	4.7	6
43	Robust repetitive control of semi-Markovian jump systems. International Journal of Systems Science, 2019, 50, 116-129.	5.5	10
44	Differential Treatment Mechanisms in Mindfulness Meditation and Progressive Muscle Relaxation. Mindfulness, 2018, 9, 1268-1279.	2.8	28
45	Two-Channel Periodic Event-Triggered Observer-Based Repetitive Control for Periodic Reference Tracking. , 2018, , .		3
46	Filter-based secure state estimation for linear time-varying systems under deception attacks. , 2018, , .		0
47	Event-triggered Distributed Pose Estimation for Networked Vehicles. , 2018, , .		0
48	Repetitive Control of Discrete-Time Markov Jump Linear Systems. , 2018, , .		2
49	Stabilizing two-dimensional stochastic systems through sliding mode control. Journal of the Franklin Institute, 2017, 354, 5813-5824.	3.4	8
50	Security analysis of continuous-time cyber-physical system against sensor attacks. , 2017, , .		2
51	Secure Dynamic State Estimation by Decomposing Kalman Filter. IFAC-PapersOnLine, 2017, 50, 7351-7356.	0.9	16
52	Fast terminal sliding mode control of high-order stochastic systems. , 2017, , .		1
53	Hâˆž stochastic synchronization for masterâ€“slave semiâ€<scp>M</scp>arkovian switching system via sliding mode control. Complexity, 2016, 21, 430-441.	1.6	20
54	Finite-time $$varvec{H_{infty }}$$ H âˆž control for linear systems with semi-Markovian switching. Nonlinear Dynamics, 2016, 85, 2297-2308.	5.2	37

#	Article	IF	Citations
55	Finite-time event-triggered H âˆž control for switched systems with time-varying delay. Neurocomputing, 2016, 207, 828-842.	5.9	75
56	On sliding mode control for networked control systems with semi-Markovian switching and random sensor delays. Information Sciences, 2016, 337-338, 44-58.	6.9	58
57	Stochastic Stability for Uncertain Neutral Markovian Jump Systems with Nonlinear Perturbations. Journal of Dynamical and Control Systems, 2015, 21, 285-305.	0.8	5
58	Finite-time synchronization of neutral complex networks with Markovian switching based on pinning controller. Neurocomputing, 2015, 153, 148-158.	5.9	56
59	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow	2.1	0
	Synchronization for a Class of Neutral Complex Dynamical Networks with Markovian Switching. Scientific World Journal, The, 2014, 2014, 1-20.		
60	Asymptotic Stability Analysis and Optimality Algorithm for Uncertain Neutral Systems with Saturation. ISRN Applied Mathematics, 2014, 2014, 1-14.	0.5	0
61	Stochastic stability conditions for a class of neutral Markovian jump systems. , 2013, , .		0
62	Stability Analysis for Neutral Delay Markovian Jump Systems with Nonlinear Perturbations and Partially Unknown Transition Rates. Advances in Mathematical Physics, 2013, 2013, 1-20.	0.8	3
63	Macroeconomic control in improved Metzler's model. , 2011, , .		1
64	Low-carbon economic dispatch of integrated electricity and natural gas energy system considering carbon capture device. Transactions of the Institute of Measurement and Control, 0, , 014233122110605.	1.7	9