

# Xinghua Liu

## List of Publications by Year in descending order

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64  
papers

639  
citations

758635

12  
h-index

610482

24  
g-index

65  
all docs

65  
docs citations

65  
times ranked

574  
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. <i>Scandinavian Journal of Psychology</i> , 2023, 64, 21-29.	0.8	5
2	Anomaly Resilient Relative Pose Estimation for Multiple Nonholonomic Mobile Robot Systems. <i>IEEE Systems Journal</i> , 2022, 16, 659-670.	2.9	5
3	Robust strong tracking unscented Kalman filter for non-linear systems with unknown inputs. <i>IET Signal Processing</i> , 2022, 16, 351-365.	0.9	6
4	An Improved Fuzzy Voltage Compensation Control Strategy for Parallel Inverter. <i>International Transactions on Electrical Energy Systems</i> , 2022, 2022, 1-20.	1.2	2
5	Simulation Analysis of Arc Interruption Characteristics in Disconnecter. <i>Machines</i> , 2022, 10, 6.	1.2	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. <i>International Transactions on Electrical Energy Systems</i> , 2022, 2022, 1-14.	1.2	4
9	Long-short term memory neural network based life prediction of lithium-ion battery considering internal parameters. <i>Energy Reports</i> , 2022, 8, 81-89.	2.5	6
10	Calculation of DC Bias Reactive Power Loss of Converter Transformer via Finite Element Analysis. <i>IEEE Transactions on Power Delivery</i> , 2021, 36, 751-759.	2.9	19
11	Event-triggered load frequency control of smart grids under deception attacks. <i>IET Control Theory and Applications</i> , 2021, 15, 1335-1345.	1.2	10
12	Modeling and Analysis of N-Branch Hybrid Switched Inductor and Capacitor Converter. <i>Electronics (Switzerland)</i> , 2021, 10, 891.	1.8	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. <i>Mindfulness</i> , 2021, 12, 1976-1984.	1.6	5
16	Stochastic quasi-synchronization of heterogeneous delayed impulsive dynamical networks via single impulsive control. <i>Neural Networks</i> , 2021, 139, 223-236.	3.3	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.	1.0	3
22	Local Decomposition of Kalman Filters and its Application for Secure State Estimation. IEEE Transactions on Automatic Control, 2021, 66, 5037-5044.	3.6	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.	0.9	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.	6.2	28
27	Dynamic Output Feedback Asynchronous Control of Networked Markovian Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2705-2715.	5.9	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.	5.9	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.	2.2	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.	1.1	5
31	Multiobjective Lightning Flash Algorithm Design and Its Convergence Analysis via Martingale Theory. Complexity, 2020, 2020, 1-10.	0.9	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.	2.4	9
33	State-Estimator-Based Asynchronous Repetitive Control of Discrete-Time Markovian Switching Systems. Complexity, 2020, 2020, 1-13.	0.9	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.	7.2	57
38	Filter-Based Secure Dynamic Pose Estimation for Autonomous Vehicles. IEEE Sensors Journal, 2019, 19, 6298-6308.	2.4	10
39	Effect of Acceptance Versus Attention on Pain Tolerance: Dissecting Two Components of Mindfulness. Mindfulness, 2019, 10, 1352-1359.	1.6	24
40	Periodic event-based asynchronous filtering of switched systems. Journal of the Franklin Institute, 2019, 356, 10058-10075.	1.9	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.	1.1	12
42	Secure Estimation for Attitude and Heading Reference Systems Under Sparse Attacks. IEEE Sensors Journal, 2019, 19, 641-649.	2.4	6
43	Robust repetitive control of semi-Markovian jump systems. International Journal of Systems Science, 2019, 50, 116-129.	3.7	10
44	Differential Treatment Mechanisms in Mindfulness Meditation and Progressive Muscle Relaxation. Mindfulness, 2018, 9, 1268-1279.	1.6	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.	1.9	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.	0.5	16
52	Fast terminal sliding mode control of high-order stochastic systems. , 2017, , .		1
53	$\langle i \rangle H \hat{z} \langle /i \rangle$ stochastic synchronization for master-slave semi-Markovian switching system via sliding mode control. Complexity, 2016, 21, 430-441.	0.9	20
54	Finite-time $\varvec{H}_{\infty}$ $H \hat{z}$ control for linear systems with semi-Markovian switching. Nonlinear Dynamics, 2016, 85, 2297-2308.	2.7	37

#	ARTICLE	IF	CITATIONS
55	Finite-time event-triggered $H^\infty$ control for switched systems with time-varying delay. Neurocomputing, 2016, 207, 828-842.	3.5	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.	4.0	58
57	Stochastic Stability for Uncertain Neutral Markovian Jump Systems with Nonlinear Perturbations. Journal of Dynamical and Control Systems, 2015, 21, 285-305.	0.4	5
58	Finite-time synchronization of neutral complex networks with Markovian switching based on pinning controller. Neurocomputing, 2015, 153, 148-158.	3.5	56
59	$H^\infty$ Synchronization for a Class of Neutral Complex Dynamical Networks with Markovian Switching. Scientific World Journal. The, 2014, 2014, 1-20.	0.8	0
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.	0.4	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.	1.1	9