

Liang Hu

List of Publications by Year in descending order

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17
papers

641
citations

933447

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h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	State estimation under false data injection attacks: Security analysis and system protection. Automatica, 2018, 87, 176-183.	5.0	300
2	Robust Predictive Speed Regulation of Converter-Driven DC Motors via a Discrete-Time Reduced-Order GPIO. IEEE Transactions on Industrial Electronics, 2019, 66, 7893-7903.	7.9	73
3	A Multiobjective Optimization Approach for COLREGs-Compliant Path Planning of Autonomous Surface Vehicles Verified on Networked Bridge Simulators. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1167-1179.	8.0	68
4	A Constrained Optimization Approach to Dynamic State Estimation for Power Systems Including PMU and Missing Measurements. IEEE Transactions on Control Systems Technology, 2015, , 1-1.	5.2	57
5	Dynamic State Estimation of Power Systems With Quantization Effects: A Recursive Filter Approach. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1604-1614.	11.3	34
6	Event-based input and state estimation for linear discrete time-varying systems. International Journal of Control, 2018, 91, 101-113.	1.9	24
7	Recent advances on state estimation for power grids with unconventional measurements. IET Control Theory and Applications, 2017, 11, 3221-3232.	2.1	18
8	An EKF-Based Performance Enhancement Scheme for Stochastic Nonlinear Systems by Dynamic Set-Point Adjustment. IEEE Access, 2020, 8, 62261-62272.	4.2	16
9	Output Feedback Stabilization for MIMO Semi-linear Stochastic Systems with Transient Optimisation. International Journal of Automation and Computing, 2020, 17, 83-95.	4.5	14
10	Active Disturbance Rejection Control of Euler-Lagrange Systems Exploiting Internal Damping. IEEE Transactions on Cybernetics, 2022, 52, 4334-4345.	9.5	14
11	Probabilistic Decoupling Control for Stochastic Non-Linear Systems Using EKF-Based Dynamic Set-Point Adjustment. , 2018, , .		10
12	Passivity-based tracking control of an omnidirectional mobile robot using only one geometrical parameter. Control Engineering Practice, 2019, 90, 160-168.	5.5	5
13	Distributed Nash Equilibrium Seeking Over Markovian Switching Communication Networks. IEEE Transactions on Cybernetics, 2022, 52, 5343-5355.	9.5	5
14	Bayesian Estimation of A Periodically-Releasing Biochemical Source Using Sensor Networks. , 2018, , .		1
15	A Deep Learning Approach for Classifying Patient Attendance Disposal from Emergency Departments. , 2019, , .		1
16	Output Feedback Stabilization for Dynamic MIMO Semi-linear Stochastic Systems with Output Randomness Attenuation. , 2018, , .		1
17	Non-fragile H_∞ control with randomly occurring gain variations. , 2014, , .		0