Airong

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3307089/publications.pdf

Version: 2024-02-01

40 papers	338 citations	840776 11 h-index	888059 17 g-index
40 all docs	40 docs citations	40 times ranked	251 citing authors

#	Article	IF	Citations
1	Stabilization and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> control of nonlinear port-controlled Hamiltonian systems subject to actuator saturation. Automatica, 2010, 46, 2008-2013.	5.0	37
2	Robust graph coloring based on the matrix semi-tensor product with application to examination timetabling. Control Theory and Technology, 2014, 12, 187-197.	1.6	31
3	Leader-following consensus for multi-agent systems with actuator faults via adaptive event-triggered control. Journal of the Franklin Institute, 2021, 358, 1327-1349.	3.4	30
4	Eventâ€triggered leaderâ€following consensus for multiâ€agent systems with external disturbances under fixed and switching topologies. IET Control Theory and Applications, 2020, 14, 1486-1496.	2.1	24
5	Stabilisation and â„‹â^ž control for switched port-controlled Hamiltonian systems with unstable modes and actuator saturation. International Journal of Systems Science, 2020, 51, 1-19.	5.5	21
6	Consensus of linear multi-agent systems subject to actuator saturation. International Journal of Control, Automation and Systems, 2013, 11, 649-656.	2.7	19
7	Tracking control of leader-follower multi-agent systems subject to actuator saturation. IEEE/CAA Journal of Automatica Sinica, 2014, 1, 84-91.	13.1	13
8	Adaptive parallel simultaneous stabilization of a set of uncertain portâ€controlled hamiltonian systems subject to actuator saturation. International Journal of Adaptive Control and Signal Processing, 2014, 28, 1128-1144.	4.1	13
9	Stability analysis and control design based on average dwell time approaches for switched nonlinear port-controlled Hamiltonian systems. Journal of the Franklin Institute, 2019, 356, 3368-3397.	3.4	13
10	Stability and l₂â€gain of discreteâ€time switched systems with unstable modes. International Journal of Robust and Nonlinear Control, 2020, 30, 567-586.	3.7	13
11	Finite-time stabilization and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.svg"><mml:msub><mml:mi mathvariant="bold-script">H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:math> control for a class of switched nonlinear port-controlled Hamiltonian systems subject to actuator saturation. Journal of the Franklin Institute, 2020, 357, 11807-11829.	3.4	13
12	Stabilization and H_{â^ž} Control of Nonlinear Switched Hamiltonian Systems Subject to Actuator Saturation. Asian Journal of Control, 2017, 19, 951-960.	3.0	12
13	Leaderâ€“follower consensus for multiâ€agent systems with external disturbances generated by heterogeneous nonlinear exosystems. Asian Journal of Control, 2021, 23, 2681-2692.	3.0	12
14	Global output feedback stabilisation of a class of stochastic systems with unknown growth rate. International Journal of Control, 2021, 94, 977-983.	1.9	12
15	Fast Mode Decision Algorithm for Intra Prediction in HEVC. , 2020, , .		7
16	Parallel simultaneous stabilization of a set of Port-Controlled Hamiltonian systems subject to actuator saturation. Journal of Systems Science and Complexity, 2011, 24, 120-139.	2.8	6
17	Adaptive control of uncertain port-controlled Hamiltonian systems subject to actuator saturation. International Journal of Control, Automation and Systems, 2011, 9, 1067-1073.	2.7	5
18	Estimate of Domain of Attraction for a Class of Portâ€Controlled Hamiltonian Systems Subject to Both Actuator Saturation and Disturbances. Asian Journal of Control, 2012, 14, 1108-1112.	3.0	5

#	ARTICLE	IF	CITATIONS
19	Disturbance tolerance and H âˆž control of port-controlled hamiltonian systems in the presence of actuator saturation. International Journal of Control, Automation and Systems, 2014, 12, 309-315.	2.7	5
20	Stability Analysis of Discrete-Time Switched Systems With Unstable Modes: An Improved Ratio-Based Tradeoff Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 431-435.	3.0	5
21	Control design for switched port-controlled Hamiltonian systems with unstabilizable modes: An improved mode-dependent average dwell time scheme. Nonlinear Analysis: Hybrid Systems, 2020, 38, 100944.	3.5	4
22	Adaptive simultaneous stabilization of two Port-Controlled Hamiltonian systems subject to actuator saturation. , 2012, , .		3
23	A CU Fast Division Decision Algorithm with Low Complexity for HEVC. , 2020, , .		3
24	$$mathrm{H}_{oldsymbol{infty} }$$ output feedback control for large-scale nonlinear systems with time delay in both state and input. Control Theory and Technology, 2021, 19, 384-391.	1.6	3
25	Finiteâ€time adaptive control for portâ€controlled Hamiltonian systems with parametric perturbations. International Journal of Adaptive Control and Signal Processing, 2022, 36, 802-817.	4.1	3
26	Stability and â„‹₂-gain analysis based on multiple discontinuous Lyapunov function approaches for switched systems with unstable modes. International Journal of Control, 2022, 95, 2188-2198.	1.9	2
27	On estimation of attraction domain for port-controlled Hamiltonian systems subject to actuator saturation. Journal of Control Theory and Applications, 2012, 10, 195-200.	0.8	1
28	Adaptive Backstepping PID Control for Boiler-turbine Units. , 2021, , .		1
29	Brain-Computer Interface Rehabilitation System Design Based on Motor Imagery. , 2022, , .		1
30	Virtual Reality Roaming System Design Based on Motor Imagery-Based Brain-Computer Interface. , 2022, , .		1
31	Analysis and Design of Uncertain Time-Delay Systems Subject to Actuator Saturation. , 2006, , .		0
32	Stabilization and L<inf>2</inf>-gain Analysis of Uncertain Linear Systems with Control Saturation. , 2006, , .		0
33	Estimate of domain of attraction for a class of Port-Controlled Hamiltonian systems subject to both actuator saturation and disturbance. , 2010, , .		0
34	Robust stabilization of switched nonlinear systems subject to actuator saturation. , 2016, , .		0
35	Application of data fusion in water quality monitoring. , 2017, , .		0
36	Exponential stability of BAM neural networks with recent-history distributed delays. , 2017, , .		0

#	Article	IF	Citations
37	Robust $${{cal H}_infty}$$ Control for Switched Nonlinear Port-controlled Hamiltonian Systems. International Journal of Control, Automation and Systems, 2019, 17, 1999-2011.	2.7	0
38	Consensus disturbance rejection for linear multi-agent systems based on output feedback. , 2019, , .		0
39	Formation tracking for multi-agent systems based on dynamic event-triggered. , 2021, , .		0
40	Adaptive Stabilization and <tex>H_{infty}</tex> Control for Switched Nonlinear Port-Controlled Hamiltonian Systems with Parameter Perturbations. , 2018, , .		0