

Xiaofeng Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Control for Markov Jump Systems Subject to Mismatched Modes and Strict Dissipativity. IEEE Transactions on Cybernetics, 2023, 53, 1537-1546.	6.2	21
2	Dynamic Event-Triggered State Estimation for Markov Jump Neural Networks With Partially Unknown Probabilities. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7438-7447.	7.2	24
3	Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3937-3946.	5.9	15
4	Dynamic event-triggered and asynchronous sliding mode control for T-S fuzzy Markov jump systems. Nonlinear Dynamics, 2022, 109, 911-924.	2.7	5
5	Nonfragile Observer-Based Control for Markovian Jump Systems Subject to Asynchronous Modes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3533-3540.	5.9	20
6	Lebesgue-Approximation Model Predictive Control of Nonlinear Sampled-Data Systems. IEEE Transactions on Automatic Control, 2020, 65, 4047-4060.	3.6	17
7	A Battery Management System With a Lebesgue-Sampling-Based Extended Kalman Filter. IEEE Transactions on Industrial Electronics, 2019, 66, 3227-3236.	5.2	136
8	Adaptive Air-Fuel Ratio Regulation for Port-Injected Spark-Ignited Engines Based on a Generalized Predictive Control Method. Energies, 2019, 12, 173.	1.6	12
9	Constrained Consensus in Continuous-Time Multiagent Systems Under Weighted Graph. IEEE Transactions on Automatic Control, 2018, 63, 1776-1783.	3.6	22
10	Asynchronous Lebesgue Approximation Model for Distributed Continuous-Time Nonlinear Systems. , 2018, , .		1
11	Lebesgue-Approximation-Based Model Predictive Control for Nonlinear Sampled-Data Systems with Measurement Noises. , 2018, , .		3
12	Efficiently Attentive Event-Triggered Systems With Limited Bandwidth. IEEE Transactions on Automatic Control, 2017, 62, 1491-1497.	3.6	32
13	Adaptive model predictive control of nonlinear systems with state-dependent uncertainties. International Journal of Robust and Nonlinear Control, 2017, 27, 4138-4153.	2.1	18
14	Sporadic model predictive control using Lebesgue approximation. , 2017, , .		5
15	LS-SLAM: SLAM with Lebesgue sampling. , 2016, , .		1
16	Lebesgue approximation model of continuous-time nonlinear dynamic systems. Automatica, 2016, 64, 234-239.	3.0	13
17	Projection-based consensus for continuous-time multi-agent systems with state constraints. , 2015, , .		7
18	Decentralized event-triggered consensus of Linear Multi-agent Systems under Directed Graphs. , 2015, , .		21

#	ARTICLE	IF	CITATIONS
19	Real-Time \mathcal{L}_1 Adaptive Control for Uncertain Networked Control Systems. IEEE Transactions on Automatic Control, 2015, 60, 2500-2505.	3.6	21
20	Real-time lebesgue-sampled model for continuous-time nonlinear systems. , 2014, , .		7
21	Adaptive model predictive control of uncertain constrained systems. , 2014, , .		7
22	Stabilizing bit-rates in networked control systems with decentralized event-triggered communication. Discrete Event Dynamic Systems: Theory and Applications, 2014, 24, 219-245.	0.6	19
23	Distributed Control of Uncertain Networked Systems: A Decoupled Design. IEEE Transactions on Automatic Control, 2013, 58, 2536-2549.	3.6	24
24	L_1 adaptive control of uncertain networked control systems. , 2013, , .		0
25	Stabilizing bit-rates in quantized event triggered control systems. , 2012, , .		34
26	A decoupled design in distributed control of uncertain networked control systems. , 2012, , .		0
27	Asynchronous task execution in networked control systems using decentralized event-triggering. Systems and Control Letters, 2012, 61, 936-944.	1.3	25
28	adaptive controller for nonlinear time-varying reference systems. Systems and Control Letters, 2012, 61, 455-463.	1.3	30
29	L_1 adaptive controller for nonlinear reference systems. , 2011, , .		0
30	Event-Triggering in Distributed Networked Control Systems. IEEE Transactions on Automatic Control, 2011, 56, 586-601.	3.6	1,004
31	Attentively efficient controllers for event-triggered feedback systems. , 2011, , .		8
32	Event-triggered state estimation in vector linear processes. , 2010, , .		28
33	Relaxing the consistency condition in distributed event-triggered networked control systems. , 2010, , .		8
34	Performance prediction in uncertain networked control systems using L_1 -adaptation-based distributed event-triggering. , 2010, , .		3
35	L_1 adaptive control of event-triggered networked systems. , 2010, , .		5
36	Self-Triggering Under State-Independent Disturbances. IEEE Transactions on Automatic Control, 2010, 55, 1494-1500.	3.6	141

#	ARTICLE	IF	CITATIONS
37	Asymptotic stability in distributed event-triggered networked control systems with delays. , 2010, , .		5
38	Finite-gain L_2 stability in distributed event-triggered networked control systems with data dropouts. , 2009, , .		9
39	Self-Triggered Feedback Control Systems With Finite-Gain L_2 Stability. IEEE Transactions on Automatic Control, 2009, 54, 452-467.	3.6	579
40	Self-triggered feedback systems with state-independent disturbances. , 2009, , .		14
41	Event-Triggering in Distributed Networked Systems with Data Dropouts and Delays. Lecture Notes in Computer Science, 2009, , 366-380.	1.0	77
42	Period and Deadline Selection for Schedulability in Real-Time Systems. , 2008, , .		17
43	Event-triggered broadcasting across distributed networked control systems. , 2008, , .		46
44	Preliminary results on state-triggered scheduling of stabilizing control tasks. , 2006, , .		62