

Alireza Farhadi

List of Publications by Year in descending order

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papers

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1307594

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18
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	New coding scheme for the state estimation and reference tracking of nonlinear dynamic systems over the packet erasure channel (IoT): Applications in tele-operation of autonomous vehicles. European Journal of Control, 2021, 57, 242-252.	2.6	5
2	Stabilization of Nonlinear Dynamic Systems Over Limited Capacity Communication Channels. IEEE Transactions on Automatic Control, 2020, 65, 3655-3662.	5.7	6
3	Tight Bound on the Stability of Control Systems over Parallel Gaussian Channels Using a New Joint Source Channel Coding. , 2019, , .		0
4	Estimation and stability over AWGN channel in the presence of fading, noisy feedback channel and different sample rates. Systems and Control Letters, 2019, 123, 75-84.	2.3	3
5	Estimation of Nonlinear Dynamic Systems Over Communication Channels. IEEE Transactions on Automatic Control, 2018, 63, 3024-3031.	5.7	8
6	Measurement and control of nonlinear dynamic systems over the internet (IoT): Applications in remote control of autonomous vehicles. Automatica, 2018, 95, 93-103.	5.0	13
7	Distributed optimal control using an efficient method for decomposition. , 2017, , .		0
8	Distributed model predictive control with hierarchical architecture for communication: application in automated irrigation channels. International Journal of Control, 2016, 89, 1725-1741.	1.9	9
9	Stability of linear dynamic systems over the packet erasure channel: a co-design approach. International Journal of Control, 2015, 88, 2488-2498.	1.9	7
10	Stability and tracking of linear Gaussian systems over AWGN channel with intermittent deterministic feedback channel. , 2015, , .		1
11	Feedback channel in linear noiseless dynamic systems controlled over the packet erasure network. International Journal of Control, 2015, 88, 1490-1503.	1.9	10
12	Distributed model predictive control methods for improving transient response of automated irrigation channels. , 2015, , .		0
13	A supervisory control policy over an acoustic communication network. International Journal of Control, 2014, , 1-13.	1.9	3
14	Computation time analysis of centralized and distributed optimization algorithms applied to automated irrigation networks. , 2013, , .		9
15	Computation time analysis of a distributed optimization algorithm applied to automated irrigation networks. , 2013, , .		2
16	Tracking Nonlinear Noisy Dynamic Systems over Noisy Communication Channels. IEEE Transactions on Communications, 2011, 59, 955-961.	7.8	11
17	LQG optimality and separation principle for general discrete time partially observed stochastic systems over finite capacity communication channels. Automatica, 2008, 44, 3181-3188.	5.0	63
18	Control of Continuous-Time Linear Gaussian Systems Over Additive Gaussian Wireless Fading Channels: A Separation Principle. IEEE Transactions on Automatic Control, 2008, 53, 1013-1019.	5.7	44